GENEMEDI
Innovative Solution
for Therapeutics & Diagnostics Industry

Biologics Solution Product Catalogue 2026

for Therapeutic antibody (TAb)

Solution for Therapeutic Antibody & ADC Development

· Anti-ADC Payload Antibodies:
Anti-MMAE/MMAF, Anti-Dxd/Exatecan, Anti-DM1/DM4, Anti-Exatecan, Anti-Budesonide, Anti-Duocarmycin, Anti-CPT, Anti-Eribulin, Anti-SN-38

Platform & Service

· Taurus™ Platform for difficult targets antibody discovery
· LIBRA™ AI-based engineering platform for antibody humanization and rational evolution

About GeneMedi

GeneMedi specializes in creating superior antibody, protein, and vector-based bioproducts, revolutionizing diagnostics and biologics solutions.

At GeneMedi, innovation, product integrity, and scalable solutions form the cornerstone of our mission to advance the field of diagnostics and biologics. Our portfolio of antibodies, proteins, and vector-derived products is built on a foundation of unparalleled expertise in the following areas:

Innovative Antigen Design and Robust Assay Development

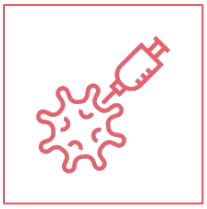
Our strategic focus on biomarkers and target analysis enables the creation of highly specific antigens and the development of robust assays, ensuring our products achieve superior performance in clinical and research settings.

Streamlined Molecular Discovery with Emphasis on Stability

Rapid Protein & Antibody Identification: Our proprietary platforms, **TAURUS™** for accelerated antibody discovery and **LIBRA™** for AI-driven protein evolution, are designed to identify and optimize molecules with optimal stability and functionality.

Cutting-Edge AAV & GCT Discoveries: The **G-NEXT™** platform is our answer to the industry's need for innovative AAV vectors, offering improved stability, efficiency, and safety for groundbreaking gene therapy approaches.

Scalable Production and Uncompromising Quality



High-Volume Protein & Antibody Manufacturing: Our facilities are equipped to handle large-scale production of up to 1000L per batch, ensuring high levels of purity and stability through stringent quality controls.

Advanced Vector Manufacturing Capabilities: In GeneMedi Vector Core (**GVC**), with a focus on AAV, Lentivirus, and VLP production up to 200L per batch, we employ sophisticated purification techniques to guarantee vector efficacy and integrity

Comprehensive Solutions for Diverse Application Needs

Diagnostics: Our diagnostic solutions leverage CLIA, LFA, ELISA and unique POCT platforms for comprehensive assay validation and clinical sample consistency, setting new standards in diagnostic accuracy.

Biologics: We specialize in the development of industrial solutions in up/downstream for therapeutic antibodies, AAV gene therapy, and Cell therapy technologies, ensuring our products and solutions can improve specificity, potency, and safety in the therapeutic industry.

GeneMedi (GM) is dedicated to delivering innovative and scalable biotechnological solutions, driving forward the fields of diagnostics and therapeutics with confidence and expertise. Contact with GM to reach your reliable industrial partner.

Website: https://www.genemedi.net
Contact Email: support@genemedi.net | sales@genemedi.net

Table Of Contents

Part 1 Solution for Therapeutic Protein & Antibody & ADC Development

Anti-ADC Payload antibody

Product list

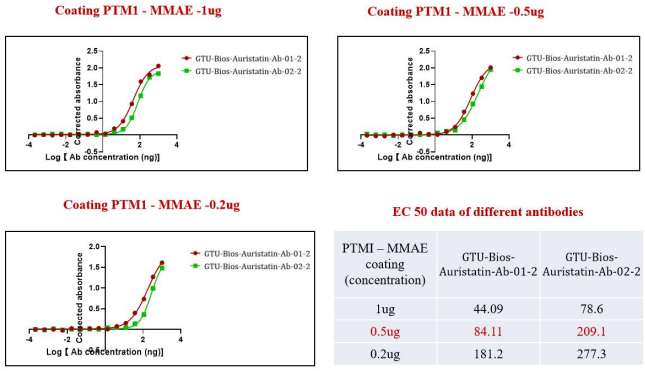
Cat.No	Products Name	Products Name	Fc
GTU-Bios-Maytansinoids-Ab	DM1/DM4	Anti-DM1/DM4 monoclonal antibody(mAb)	hFc/mFc
GTU-Bios-Auristatin-Ab-01	MMAE/MMAF	Anti-MMAE/MMAF monoclonal antibody(mAb)	hFc/mFc
GTU-Bios-Auristatin-Ab-02	MMAE (Specific)	Anti-MMAE (Specific) monoclonal antibody(mAb)	hFc/mFc
GTU-Bios-DXd-Ab	DXd/Exatecan	Anti-DXd&Exatecan monoclonal antibody(mAb)	hFc/mFc
GTU-Bios-CPT-Ab	Camptothecin (CPT)	Anti-CPTmonoclonal antibody(mAb)	hFc/mFc
GTU-Bios-Eribulin-Ab	Eribulin	Anti-Eribulin monoclonal antibody(mAb)	hFc/mFc
GTU-Bios-Exatecan-Ab	Exatecan	Anti-Exatecan monoclonal antibody(mAb)	hFc/mFc
GTU-Bios-SN-38-Ab	SN-38	Anti-SN-38 monoclonal antibody(mAb)	hFc/mFc
GTU-Bios-Budesonide-Ab	Budesonide	Anti-Budesonide monoclonal antibody (mAb)	hFc/mFc
GTU-Bios-MTX-Ab	MTX	Anti-MTX monoclonal antibody(mAb)	hFc/mFc
GTU-Bios-PBD-Ab	PBD	Anti-PBD monoclonal antibody(mAb)	hFc/mFc
GTU-Bios-PNU-159682-Ab	PNU-159682	Anti-PNU-159682 monoclonal antibody(mAb)	hFc/mFc
GTU-Bios-Amanitin-Ab	Amanitin	Anti-Amanitin monoclonal antibody(mAb)	hFc/mFc
GTU-Bios-Calicheamicin-Ab	Calicheamicin	Anti-Calicheamicin monoclonal antibody(mAb)	hFc/mFc
GTU-Bios-Doxorubicin-Ab	Doxorubicin	Anti-Doxorubicin monoclonal antibody (mAb)	hFc/mFc
GTU-Bios-Duocarmycin-Ab	Duocarmycin	Anti-Duocarmycin monoclonal antibody (mAb)	hFc/mFc

Anti-ADC Payload antibody

Validation

GTU-Bios-Auristatin-Ab (MMAE&MMAF)

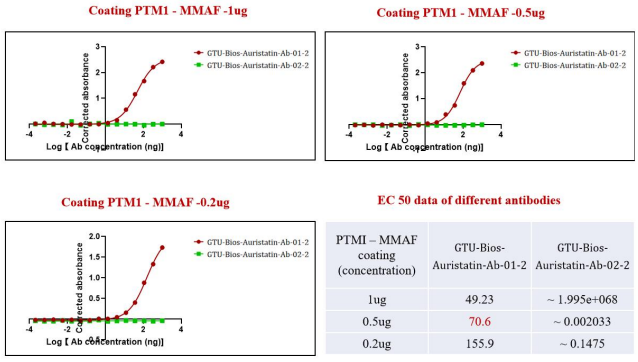
GeneMedi's GTU-Bios-Auristatin-Ab-01-2 demonstrates robust binding affinity with ADCs incorporating either MMAE or MMAF payloads, highlighting its versatility in targeted drug delivery. In contrast, GTU-Bios-Auristatin-Ab-02-2 exhibits exclusive specificity for MMAE-based ADCs, ensuring precise targeting with minimal off-target effects. Furthermore, neither antibody shows binding with ADCs conjugated with DXD, emphasizing GeneMedi's commitment to producing highly selective antibodies tailored for optimized therapeutic outcomes.



EC 50 data of different antibodies

PTMI – MMAE coating (concentration)	GTU-Bios-Auristatin-Ab-01-2	GTU-Bios-Auristatin-Ab-02-2
1ug	44.09	78.6
0.5ug	84.11	209.1
0.2ug	181.2	277.3

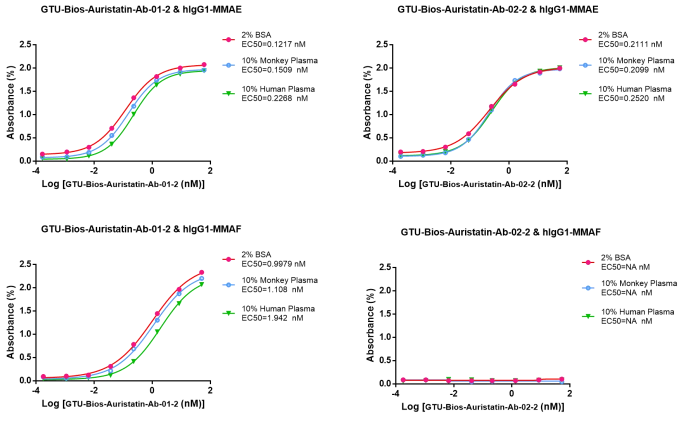
Figure 1. ***GTU-Bios-Auristatin-Ab-01-2*** and ***GTU-Bios-Auristatin-Ab-02-2*** have been actively bound with the ADC (PTM-1 MMAE).



EC 50 data of different antibodies

PTMI – MMAF coating (concentration)	GTU-Bios-Auristatin-Ab-01-2	GTU-Bios-Auristatin-Ab-02-2
1ug	49.23	~ 1.995e+068
0.5ug	70.6	~ 0.002033
0.2ug	155.9	~ 0.1475

Figure 2. ***GTU-Bios-Auristatin-Ab-01-2*** has been actively bound with the ADC (PTM-1 MMAF). While ***GTU-Bios-Auristatin-Ab-02-2*** has not been bound with the ADC with MMAF.



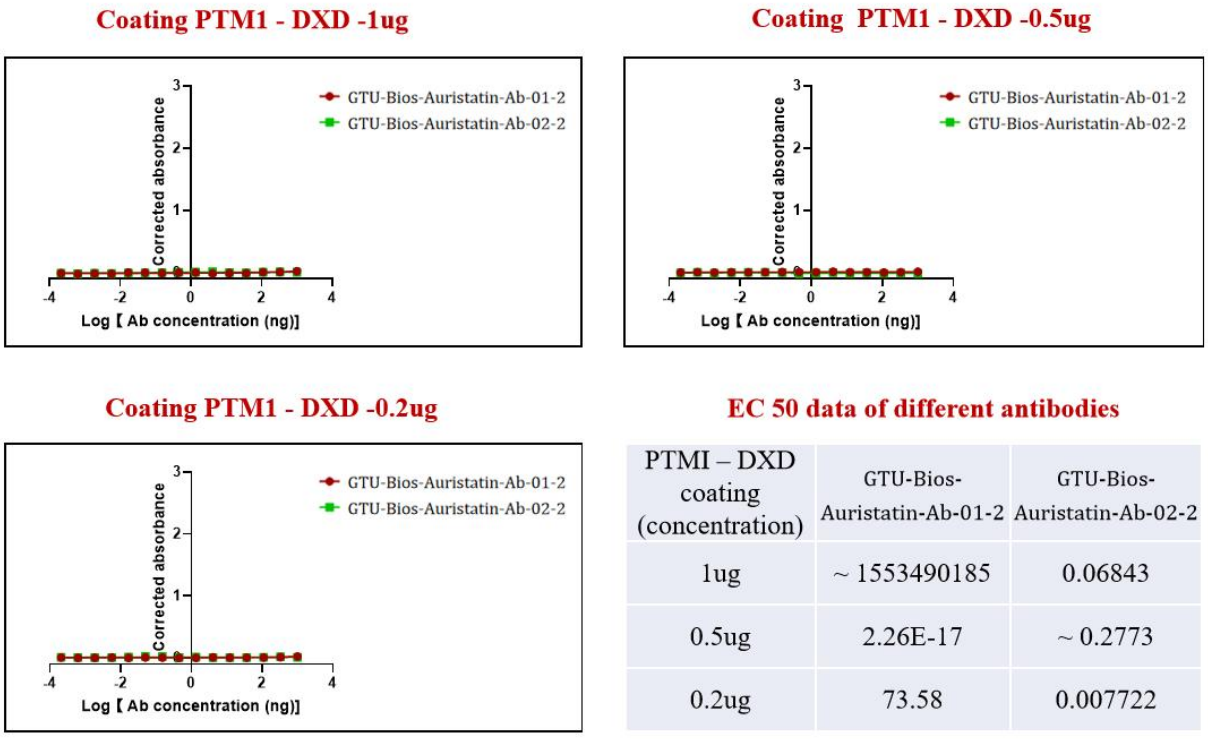
GTU-Bios-Auristatin-Ab-01-2 and ***GTU-Bios-Auristatin-Ab-02-2*** can be used in pharmacokinetic (PK) studies involving humans and monkeys

Anti-ADC Payload antibody

Validation

GTU-Bios-DXd-Ab

GeneMedi's GTU-Bios-DXd-Ab demonstrates robust binding affinity with ADCs incorporating DXd payload, highlighting its versatility. Furthermore, neither GTU-Bios-DXd-Ab shows binding with ADCs conjugated with SN38, emphasizing GeneMedi's commitment to producing highly selective antibodies tailored for optimized therapeutic outcomes.



EC 50 data of different antibodies

PTMI – DXD coating (concentration)	GTU-Bios-Auristatin-Ab-01-2	GTU-Bios-Auristatin-Ab-02-2
1ug	~ 1553490185	0.06843
0.5ug	2.26E-17	~ 0.2773
0.2ug	73.58	0.007722

Figure 1. ***GTU-Bios-Auristatin-Ab-01-2*** and ***GTU-Bios-Auristatin-Ab-02-2*** have not been bound with the ADC conjugated with DXD.

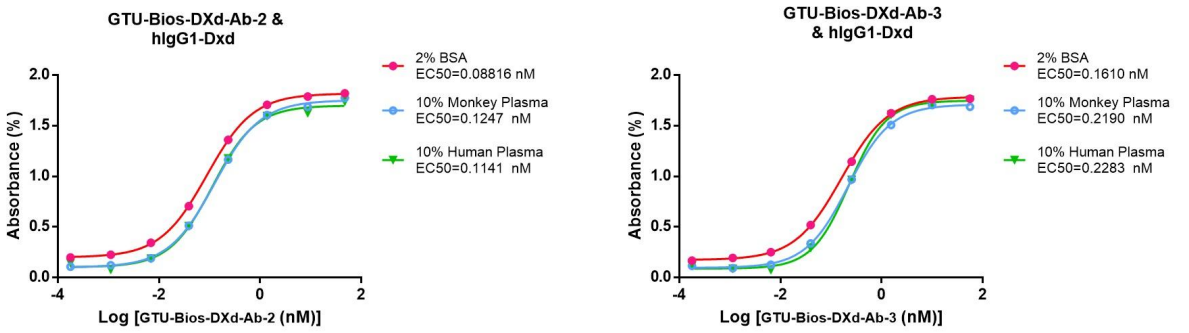


Figure 2. ***GTU-Bios-DXd-Ab*** has minimal impact on pharmacokinetic (PK) studies involving humans and monkeys.

Anti-ADC Payload antibody

Validation

GTU-Bios-Exatecan-Ab

GeneMedi's GTU-Bios-Exatecan-Ab demonstrates specific binding affinity for Exatecan ADCs, highlighting its functional efficacy. Furthermore, its lack of binding to SN38-conjugated ADCs emphasizes GeneMedi's dedication to developing highly selective antibody solutions.

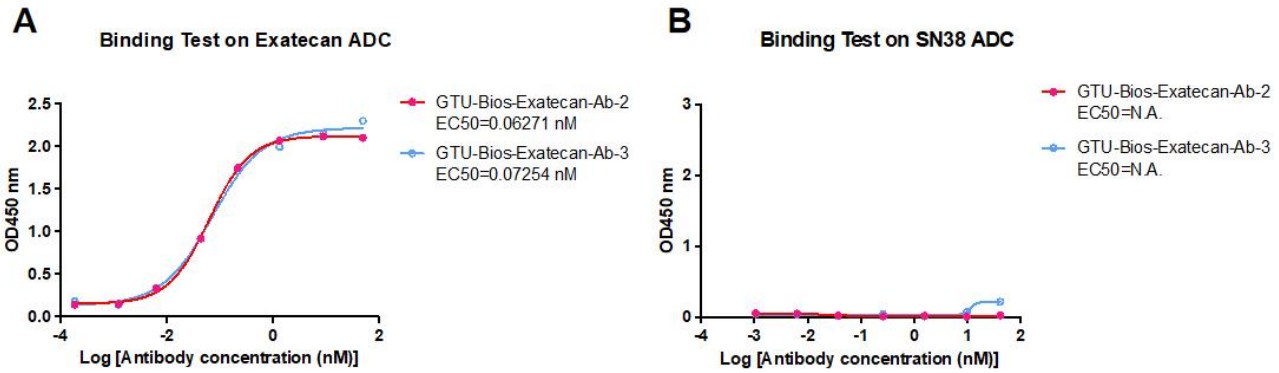


Figure 1. GeneMedi's GTU-Bios-Exatecan-Ab: Specific Binding with Exatecan, Not Binding with SN38.

A. Exatecan ADC binding activity assay results show that the EC50 of GTU-Bios-Exatecan-Ab-2 is 0.06271 nM, while the EC50 of GTU-Bios-Exatecan-Ab-3 is 0.07254 nM, indicating strong binding affinity for Exatecan ADC.

B. Both GTU-Bios-Exatecan-Ab-2 and GTU-Bios-Exatecan-Ab-3 are not available (N.A.) in the SN38 ADC binding assay.

Anti-ADC Payload antibody

Validation

GTU-Bios-Exatecan-Ab

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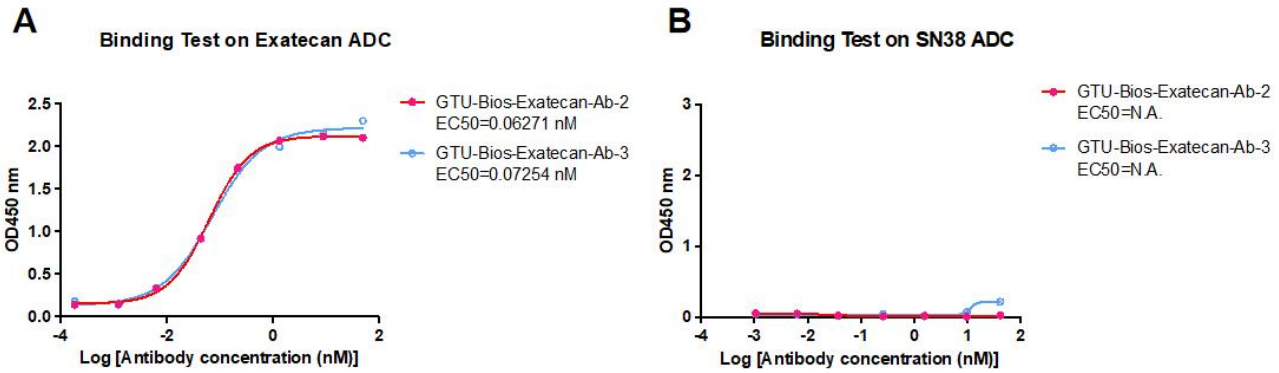

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B. Both GTU-Bios-Exatecan-Ab-2 and GTU-Bios-Exatecan-Ab-3 are not available (N.A.) in the SN38 ADC binding assay.

Fc receptor (FcR) and immunoglobulin

Fc Receptors proteins & IgG/M/A control

Cat No.	Species	Product Name	Isotype	Products links
GMP-BioFcR-ag-001	Human	Human Fc gamma receptor I (FcγRI, CD64) His+Avi (Biotinylated)	Fc gamma receptor I (FcγRI, CD64)	Detail
GMP-BioFcR-ag-002	Cynomolgus/ Rhesus macaque	Cynomolgus/ Rhesus macaque Fc gamma receptor I (FcγRI, CD64) His+Avi (Biotinylated)	Fc gamma receptor I (FcγRI, CD64)	Detail
GMP-BioFcR-ag-003	Mouse	Mouse Fc gamma receptor I (FcγRI, CD64) His+Avi (Biotinylated)	Fc gamma receptor I (FcγRI, CD64)	Detail
GMP-BioFcR-ag-004	Human	Human Fc gamma receptor IIA (FcγRIIA, CD32a, R167) His+Avi (Biotinylated)	Fc gamma receptor IIA (FcγRIIA, CD32a)	Detail
GMP-BioFcR-ag-005	Human	Human Fc gamma receptor IIA (FcγRIIA, CD32a, H167)	Fc gamma receptor IIA (FcγRIIA, CD32a)	Detail
GMP-BioFcR-ag-006	Human	Human Fc gamma receptor IIA (FcγRIIA, CD32a, H131) His+Avi (Biotinylated)	Fc gamma receptor IIA (FcγRIIA, CD32a)	Detail
GMP-BioFcR-ag-007	Human	Human Fc gamma receptor IIA (FcγRIIA, CD32a, R131) His+Avi (Biotinylated)	Fc gamma receptor IIA (FcγRIIA, CD32a)	Detail
GMP-BioFcR-ag-008	Cynomolgus/ Rhesus macaque	Cynomolgus/ Rhesus macaque Fc gamma receptor IIA (FcγRIIA, CD32a) His+Avi (Biotinylated)	Fc gamma receptor IIA (FcγRIIA, CD32a)	Detail
GMP-BioFcR-ag-009	Human	Human Fc gamma receptor IIB (FcγRIIB, CD32b) His+Avi (Biotinylated)	Fc gamma receptor IIB (FcγRIIB, CD32b)	Detail
GMP-BioFcR-ag-010	Human	Human Fc gamma receptor IIB (FcγRIIB, CD32b, I232) His+Avi (Biotinylated)	Fc gamma receptor IIB (FcγRIIB, CD32b)	Detail
GMP-BioFcR-ag-011	Human	Human Fc gamma receptor IIB (FcγRIIB, CD32b, T232) His+Avi (Biotinylated)	Fc gamma receptor IIB (FcγRIIB, CD32b)	Detail
GMP-BioFcR-ag-012	Cynomolgus/ Rhesus macaque	Cynomolgus/ Rhesus macaque Fc gamma receptor IIB (FcγRIIB, CD32b) His+Avi (Biotinylated)	Fc gamma receptor IIB (FcγRIIB, CD32b)	Detail
GMP-BioFcR-ag-013	Mouse	Mouse Fc gamma receptor IIB (FcγRIIB, CD32b) His+Avi (Biotinylated)	Fc gamma receptor IIB (FcγRIIB, CD32b)	Detail
GMP-BioFcR-ag-014	Human	Human Fc gamma receptor IIC (FcγRIIC, CD32c) His+Avi (Biotinylated)	Fc gamma receptor IIC (FcγRIIC, CD32c)	Detail
GMP-BioFcR-ag-015	Human	Human Fc gamma receptor IIC (FcγRIIC, CD32c, Q13) His+Avi (Biotinylated)	Fc gamma receptor IIC (FcγRIIC, CD32c)	Detail
GMP-BioFcR-ag-016	Human	Human Fc gamma receptor IIC (FcγRIIC, CD32c, stop13) His+Avi (Biotinylated)	Fc gamma receptor IIC (FcγRIIC, CD32c)	Detail
GMP-BioFcR-ag-017	Human	Human Fc gamma receptor IIC (FcγRIIC, CD32c, Q57) His+Avi (Biotinylated)	Fc gamma receptor IIC (FcγRIIC, CD32c)	Detail
GMP-BioFcR-ag-018	Human	Human Fc gamma receptor IIC (FcγRIIC, CD32c, X57) His+Avi (Biotinylated)	Fc gamma receptor IIC (FcγRIIC, CD32c)	Detail
GMP-BioFcR-ag-019	Human	Human Fc gamma receptor IIIA (FcγRIIIA, CD16a, F176) His+Avi (Biotinylated)	Fc gamma receptor IIIA (FcγRIIIA, CD16a)	Detail
GMP-BioFcR-ag-020	Human	Human Fc gamma receptor IIIA (FcγRIIIA, CD16a, V176) His+Avi (Biotinylated)	Fc gamma receptor IIIA (FcγRIIIA, CD16a)	Detail
GMP-BioFcR-ag-021	Human	Human Fc gamma receptor IIIA (FcγRIIIA, CD16a, F158) His+Avi (Biotinylated)	Fc gamma receptor IIIA (FcγRIIIA, CD16a)	Detail
GMP-BioFcR-ag-022	Human	Human Fc gamma receptor IIIA (FcγRIIIA, CD16a, V158) His+Avi (Biotinylated)	Fc gamma receptor IIIA (FcγRIIIA, CD16a)	Detail
GMP-BioFcR-ag-023	Human	Human Fc gamma receptor IIIB (FcγRIIIB, CD16b, NA1) His+Avi (Biotinylated)	Fc gamma receptor IIIB (FcγRIIIB, CD16b)	Detail
GMP-BioFcR-ag-024	Human	Human Fc gamma receptor IIIB (FcγRIIIB, CD16b, NA2) His+Avi (Biotinylated)	Fc gamma receptor IIIB (FcγRIIIB, CD16b)	Detail
GMP-BioFcR-ag-025	Cynomolgus/ Rhesus macaque	Cynomolgus/ Rhesus macaque Fc gamma receptor III(FcγRIII, CD16) His+Avi (Biotinylated)	Fc gamma receptor III(FcγRIII, CD16)	Detail
GMP-BioFcR-ag-026	Mouse	Mouse Fc gamma receptor III(FcγRIII, CD16) His+Avi (Biotinylated)	Fc gamma receptor III(FcγRIII, CD16)	Detail
GMP-BioFcR-ag-027	Mouse	Mouse Fc gamma receptor (FcγRIV, FcgR4） His+Avi (Biotinylated)	Fc gamma receptor (Fc γRIV）	Detail
GMP-BioFcR-ag-028	Human	Human Neonatal Fc receptor (FcRn) His+Avi (Biotinylated)	Neonatal Fc receptor (FcRn)	Detail

Cat No.	Species	Product Name	Isotype	Products links
GMP-BioFcR-ag-029	Cynomolgus/ Rhesus macaque	Cynomolgus/ Rhesus macaque Neonatal Fc receptor (FcRn) His+Avi (Biotinylated)	Neonatal Fc receptor (FcRn)	Detail
GMP-BioFcR-ag-030	Mouse	Mouse Neonatal Fc receptor (FcRn) His+Avi (Biotinylated)	Neonatal Fc receptor (FcRn)	Detail
GMP-BioFcR-ag-031	Human	Human Neonatal Fc receptor (FcRn) Heterodimer His+Avi (Biotinylated)	Neonatal Fc receptor (FcRn)	Detail
GMP-BioFcR-ag-032	Cynomolgus/ Rhesus macaque	Cynomolgus/ Rhesus macaque Neonatal Fc receptor (FcRn) Heterodimer His+Avi (Biotinylated)	Neonatal Fc receptor (FcRn)	Detail
GMP-BioFcR-ag-033	Mouse	Mouse Neonatal Fc receptor (FcRn) Heterodimer His+Avi (Biotinylated)	Neonatal Fc receptor (FcRn)	Detail
GMP-BioFcR-ag-034	Human	Human Tripartite Motif Containing 21 (TRIM21) His+Avi (Biotinylated)	Tripartite Motif Containing 21 (TRIM21)	Detail
GMP-BioFcR-ag-035	Mouse	Mouse Tripartite Motif Containing 21 (TRIM21) His+Avi (Biotinylated)	Tripartite Motif Containing 21 (TRIM21)	Detail
GMP-BioFcR-ag-036	Human	Human Fc receptor-like protein 1 (FCRL1) His+Avi (Biotinylated)	Fc receptor-like protein 1 (FCRL1)	Detail
GMP-BioFcR-ag-037	Human	Human Fc receptor-like protein 4 (FCRL4) His+Avi (Biotinylated)	Fc receptor-like protein 4 (FCRL4)	Detail
GMP-BioFcR-ag-038	Human	Human Fc receptor-like protein 5 (FCRL5) His+Avi (Biotinylated)	Fc receptor-like protein 5 (FCRL5)	Detail
GMP-BioFcR-ag-039	Human	Human Fc alpha receptor I (FcαRI, CD89) His+Avi (Biotinylated)	Fc alpha receptor I (Fcα RI, CD89)	Detail
GMP-BioFcR-ag-040	Mouse	Mouse Fc alpha receptor I (FcαRI, CD89) His+Avi (Biotinylated)	Fc alpha receptor I (Fcα RI, CD89)	Detail
GMP-BioFcR-ag-041	Human	Human Polymeric immunoglobulin receptor (PolyIgR) His+Avi (Biotinylated)	Polymeric immunoglobulin receptor (PolyIgR)	Detail
GMP-BioFcR-ag-042	Mouse	Mouse Polymeric immunoglobulin receptor (PolyIgR) His+Avi (Biotinylated)	Polymeric immunoglobulin receptor (PolyIgR)	Detail
GMP-BioFcR-ag-043	Human	Human Fc alpha/mu receptor (Fcα/uR, CD351) His+Avi (Biotinylated)	Fc alpha/mu receptor (Fcα/uR, CD351)	Detail
GMP-BioFcR-ag-044	Mouse	Mouse Fc alpha/mu receptor (Fcα/uR, CD351) His+Avi (Biotinylated)	Fc alpha/mu receptor (Fcα/uR, CD351)	Detail
GMP-BioFcR-ag-045	Human	Human Fc mu receptor (FcuR) His+Avi (Biotinylated)	Fc mu receptor (FcuR)	Detail
GMP-BioFcR-ag-046	Mouse	Mouse Fc mu receptor (FcuR) His+Avi (Biotinylated)	Fc mu receptor (FcuR)	Detail
GMP-BioFcR-ag-047	Human	Human Fc epsilon receptor I (FcεRI) His+Avi (Biotinylated)	Fc epsilon receptor I (Fc εRI)	Detail
GMP-BioFcR-ag-048	Mouse	Mouse Fc epsilon receptor I (FcεRI) His+Avi (Biotinylated)	Fc epsilon receptor I (Fc εRI)	Detail
GMP-BioFcR-ag-049	Human	Human Fc epsilon receptor II (FcεRII, CD23) His+Avi (Biotinylated)	Fc epsilon receptor II (FcεRII, CD23)	Detail
GMP-BioFcR-ag-050	Mouse	Mouse Fc epsilon receptor II (FcεRII, CD23) His+Avi (Biotinylated)	Fc epsilon receptor II (FcεRII, CD23)	Detail
GMP-BioIgXFc-001	Human	Recombinant Human Fc Protein IgG1	IgG1	Detail
GMP-BioIgXFc-002	Cynomolgus/ Rhesus macaque	Recombinant Cynomolgus/ Rhesus macaque Fc Protein IgG1	IgG1	Detail
GMP-BioIgXFc-003	Mouse	Recombinant Mouse Fc Protein IgG1	IgG1	Detail
GMP-BioIgXFc-004	Human	Recombinant Human Fc Protein IgG2	IgG2	Detail
GMP-BioIgXFc-005	Cynomolgus/ Rhesus macaque	Recombinant Cynomolgus/ Rhesus macaque Fc Protein IgG2	IgG2	Detail
GMP-BioIgXFc-006	Mouse	Recombinant Mouse Fc Protein IgG2a	IgG2a	Detail
GMP-BioIgXFc-007	Mouse	Recombinant Mouse Fc Protein IgG2b	IgG2b	Detail

Cat No.	Species	Product Name	Isotype	Products links
GMP-BioIgXFc-008	Human	Recombinant Human Fc Protein IgG3	IgG3	Detail
GMP-BioIgXFc-009	Cynomolgus/ Rhesus macaque	Recombinant Cynomolgus/ Rhesus macaque Fc Protein IgG3	IgG3	Detail
GMP-BioIgXFc-010	Mouse	Recombinant Mouse Fc Protein IgG3	IgG3	Detail
GMP-BioIgXFc-011	Human	Recombinant Human Fc Protein IgG4	IgG4	Detail
GMP-BioIgXFc-012	Cynomolgus/ Rhesus macaque	Recombinant Cynomolgus/ Rhesus macaque Fc Protein IgG4	IgG4	Detail
GMP-BioIgXFc-013	Human	Recombinant Human Fc Protein IgA1	IgA1	Detail
GMP-BioIgXFc-014	Human	Recombinant Human Fc Protein IgA2	IgA2	Detail
GMP-BioIgXFc-015	Cynomolgus/ Rhesus macaque	Recombinant Cynomolgus/ Rhesus macaque Fc Protein IgA	IgA	Detail
GMP-BioIgXFc-016	Mouse	Recombinant Mouse Fc Protein IgA	IgA	Detail
GMP-BioIgXFc-017	Human	Recombinant Human Fc Protein IgM	IgM	Detail
GMP-BioIgXFc-018	Cynomolgus/ Rhesus macaque	Recombinant Cynomolgus/ Rhesus macaque Fc Protein IgM	IgM	Detail
GMP-BioIgXFc-019	Mouse	Recombinant Mouse Fc Protein IgM	IgM	Detail
GMP-BioIgXFc-020	Human	Recombinant Human Fc Protein IgE	IgE	Detail
GMP-BioIgXFc-021	Cynomolgus/ Rhesus macaque	Recombinant Cynomolgus/ Rhesus macaque Fc Protein IgE	IgE	Detail
GMP-BioIgXFc-022	Mouse	Recombinant Mouse Fc Protein IgE	IgE	Detail
GMP-BioIgXIg-001	Human	Human IgG1 Isotype control	IgG1	Detail
GMP-BioIgXIg-002	Cynomolgus/ Rhesus macaque	Cynomolgus/ Rhesus macaque IgG1 Isotype control	IgG1	Detail
GMP-BioIgXIg-003	Mouse	Mouse IgG1 Isotype control	IgG1	Detail
GMP-BioIgXIg-004	Human	Human IgG2 Isotype control	IgG2	Detail
GMP-BioIgXIg-005	Cynomolgus/ Rhesus macaque	Cynomolgus/ Rhesus macaque IgG2 Isotype control	IgG2	Detail
GMP-BioIgXIg-006	Mouse	Mouse IgG2a Isotype control	IgG2a	Detail
GMP-BioIgXIg-007	Mouse	Mouse IgG2b Isotype control	IgG2b	Detail
GMP-BioIgXIg-008	Human	Human IgG3 Isotype control	IgG3	Detail
GMP-BioIgXIg-009	Cynomolgus/ Rhesus macaque	Cynomolgus/ Rhesus macaque IgG3 Isotype control	IgG3	Detail
GMP-BioIgXIg-010	Mouse	Mouse IgG3 Isotype control	IgG3	Detail
GMP-BioIgXIg-011	Human	Human IgG4 Isotype control	IgG4	Detail
GMP-BioIgXIg-012	Cynomolgus/ Rhesus macaque	Cynomolgus/ Rhesus macaque IgG4 Isotype control	IgG4	Detail
GMP-BioIgXIg-013	Human	Human IgA1 Isotype control	IgA1	Detail
GMP-BioIgXIg-014	Human	Human IgA2 Isotype control	IgA2	Detail
GMP-BioIgXIg-015	Cynomolgus/ Rhesus macaque	Cynomolgus/ Rhesus macaque IgA Isotype control	IgA	Detail
GMP-BioIgXIg-016	Mouse	Mouse IgA Isotype control	IgA	Detail
GMP-BioIgXIg-017	Human	Human IgM Isotype control	IgM	Detail
GMP-BioIgXIg-018	Cynomolgus/ Rhesus macaque	Cynomolgus/ Rhesus macaque IgM Isotype control	IgM	Detail

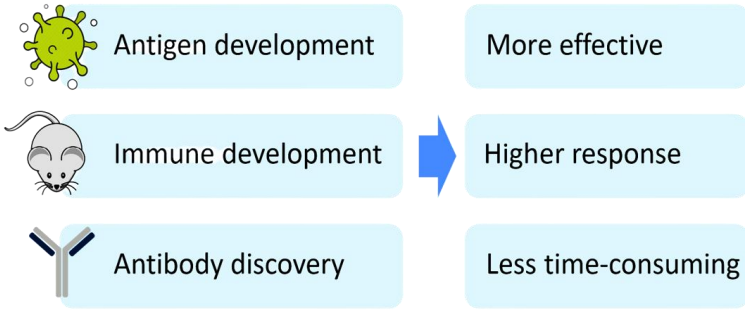
Cat No.	Species	Product Name	Isotype	Products links
GMP-BioIgXIg-019	Mouse	Mouse IgM Isotype control	IgM	Detail
GMP-BioIgXIg-020	Human	Human IgE Isotype control	IgE	Detail
GMP-BioIgXIg-021	Cynomolgus/ Rhesus macaque	Cynomolgus/ Rhesus macaque IgE Isotype control	IgE	Detail
GMP-BioIgXIg-022	Mouse	Mouse IgE Isotype control	IgE	Detail
GMLS-Host09-Ig001	Canine/Dog	Canine/Dog IgG	IgG	
GMLS-Host08-Iq001	Feline/Cat	Feline/Cat IgG	IgG	
GMLS-Host09-Ig002	Canine/Dog	Canine/Dog IgM	IgM	

Part 2 *Platform & Service*

Taurus™-Antibody Discovery Platform

About Taurus ™- Antibody Discovery Platform

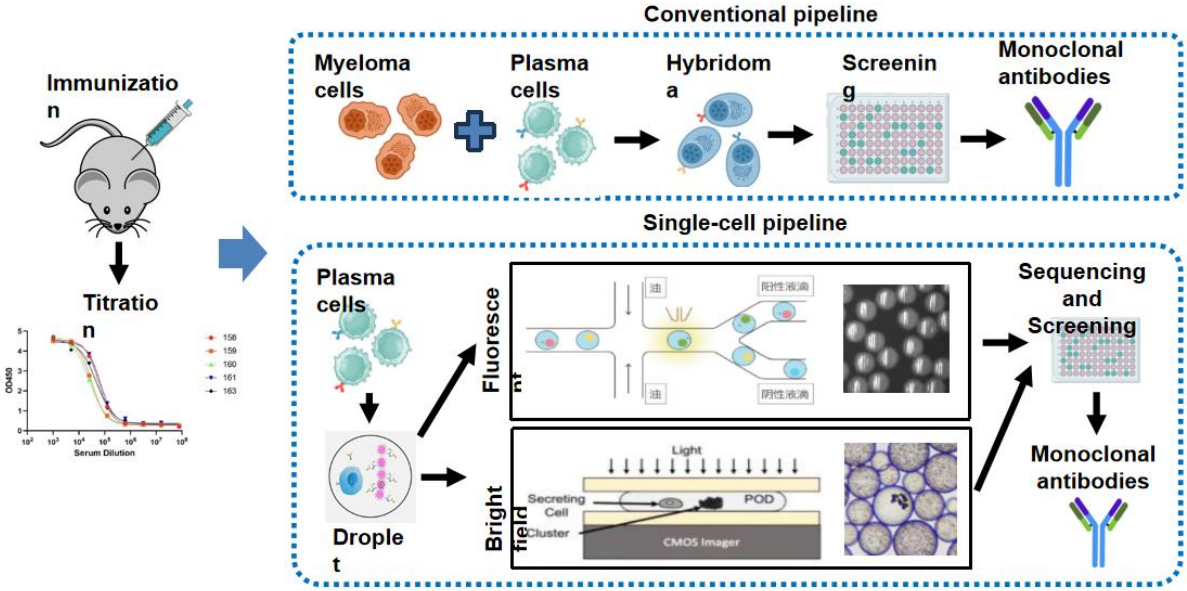
Taurus ™- Antibody Discovery Platform is to achieve Tough Antigen Unique-epitope Recognized with Unque Smart-immunogen strategy.



1) Smart-design immunogens for tough target antibody discovery

2) Data-driven immunogen-specific antibody discovery with unique-HTS strategy

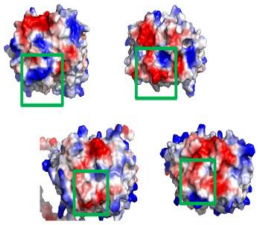
3) Structure-based epitope computation for unique-epitope functional antibody discovery



Method	Advantages
Hybridoma	● **Classic method** ● **No need for special facilities**
Fluorescence-based single cell screening	● **High speed** ● **High throughput** ● **1 day for screening** ● **Multi-color method for higher hits rate**
Bright field-based single cell screening	● **High speed** ● **High throughput** ● **1 day for screening** ● **Thousands of cells can be sorted out**

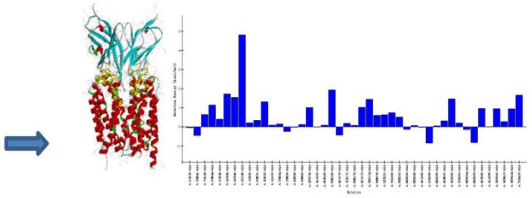
LIBRA™-Antibody Rational-Engineering Platform

Protein epitope verification

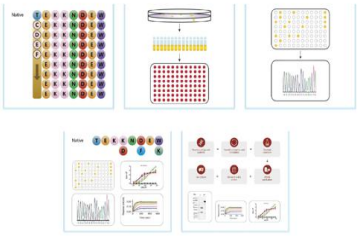


Protein-Target Modeling

Antibody-Target Docking and computative-optimization



Data-drived antibody affinity evolution

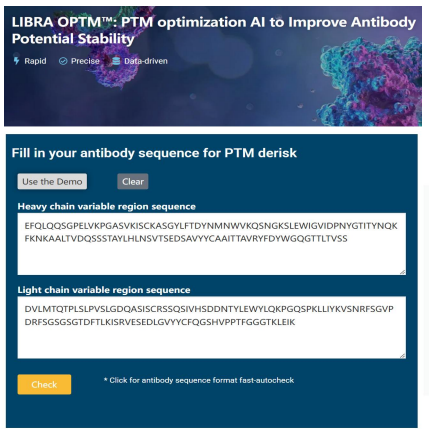


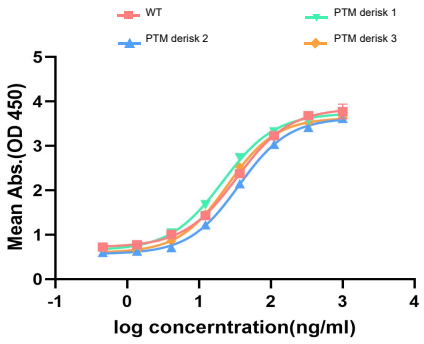
Rational-HTS antibody affinity assay

Improve affinity and developability

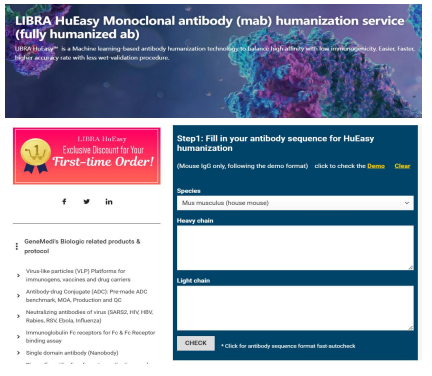
LIBRA-AI

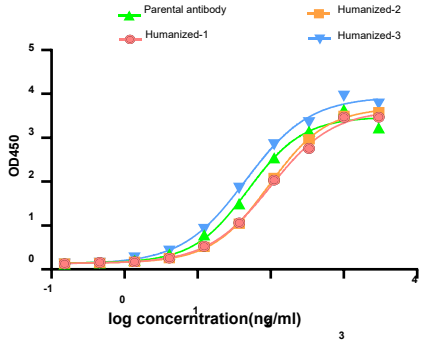
OPTM™ for Antibody PTM hot-spot auto-derisk





HuEasy™ for Antibody auto-humanization

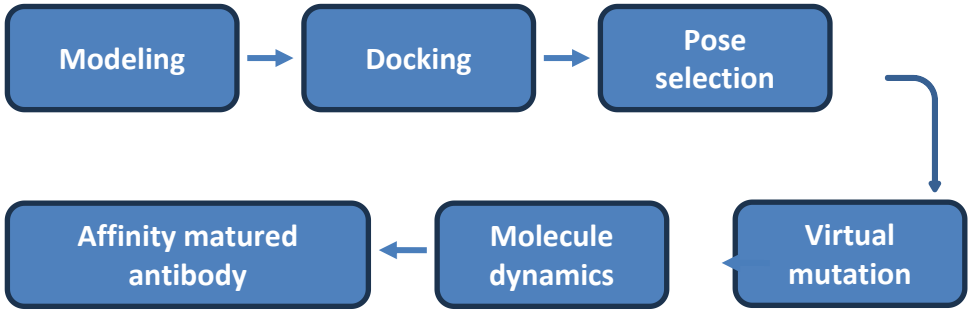




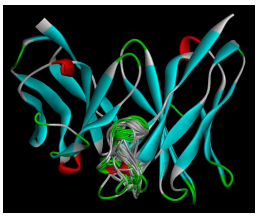
Find more LIBRA-AI on: www.librab.net

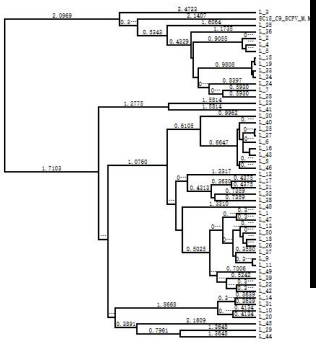
In-silico-based antibody affinity maturation

Pipeline

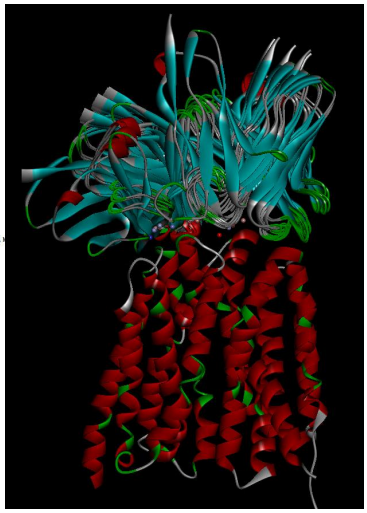


Modeling and CDR optimization

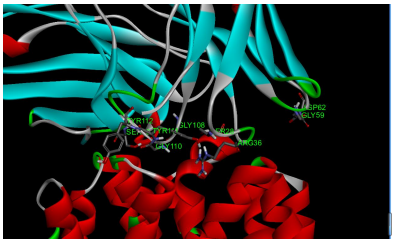




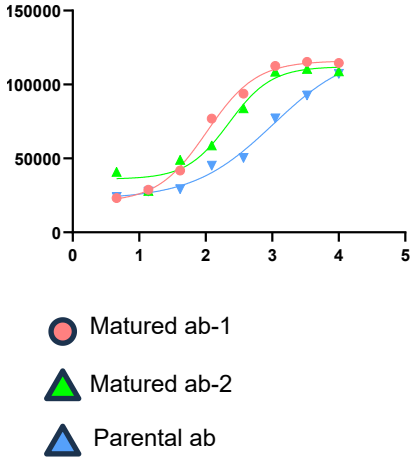
Docking and pose selection



Virtual mutation



Affinity matured antibody



Antibody	EC50（ng/ml）
Parental	1030
Matured ab-1	104
Matured ab-2	223

10 fold higher affinity