



CERTIFICATE OF ANALYSIS

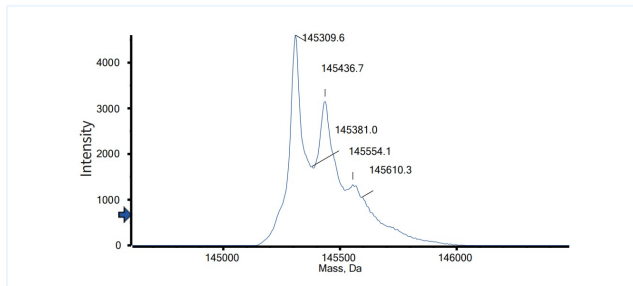


Product Details

Product name:	Anti-B7-H3 & EGFR Reference Antibody (Ibi-334)	Lot.No.:	P268017C
Target:	ERBB1 / EGFR / HER1, B7-H3 / CD276	Catalog:	CHBA042
Target Accession:	Q5ZPR3 & P00533	Concentration :	1 mg/mL
Clonality:	Bispecific	Isotype:	IgG-like
Reactivity:	Human	Molecular Weight (kDa) :	145.58 kDa
Application:	Kinetics (SPR), ELISA, Bioactivity: FACS, Functional assay, Research in vivo	Endotoxin:	<1 EU/mg
Formulation:	Liquid: 100mM Pro-Ac, 20mM Arg pH 5.0 Lyophilization: 25mM histidine, 8% sucrose, 0.01% Tween80 pH6.2	Conjugation:	Unconjugated
Reconstitution:	For Powder, reconstitute with sterile, distilled water to a final concentration of 1 mg/ml. Gently shake to solubilize completely. Do not vortex.	Expression System:	CHO
Storage:	Upon receipt, store immediately at -20°C or lower for 24 months. Store aliquots at -80°C for up to 3 months. Avoid repeated freeze-thaw cycles.	Purification:	Protein A

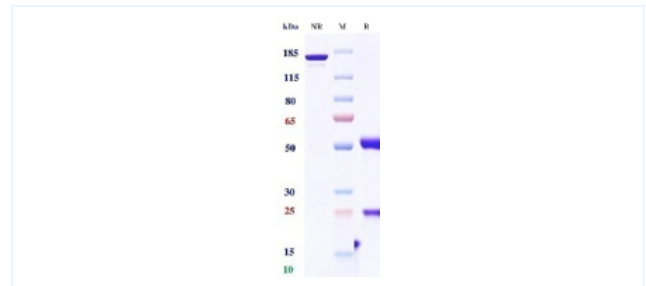
Data

MASS



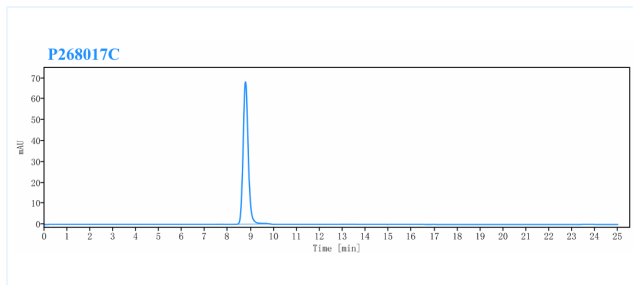
The detected molecular weight of Anti-EGFR & B7-H3 Reference Antibody (Ibi-334) is 145.31 kDa.

Purity: SDS-PAGE



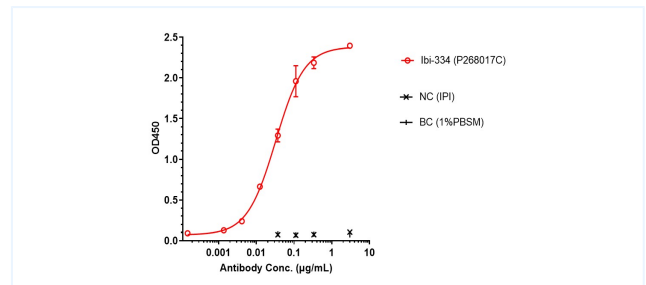
Anti-B7-H3 & EGFR Reference Antibody (Ibi-334) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



The purity of Anti-B7-H3 & EGFR Reference Antibody (Ibi-334) is 99.17%, determined by SEC-HPLC.

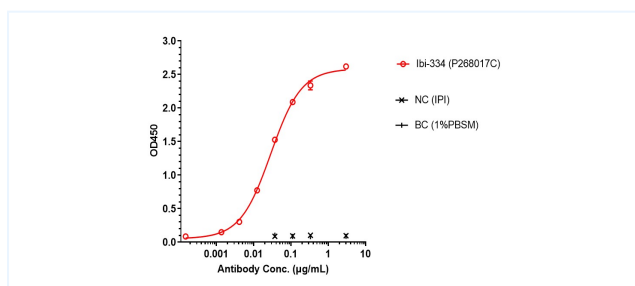
ELISA



Ibi-334 bound to B7-H3 protein, and then rebounded to secondary antibodies (Anti-Human-IgG-Fc-HRP), and read OD450. As shown in fig, Ibi-334 bound human B7-H3 Protein-His, and the EC50 was 0.033 nM.

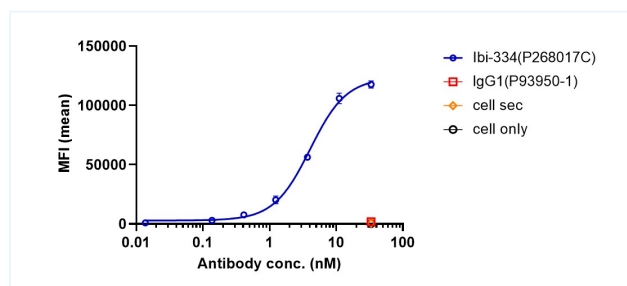
The products are for research use only. Not for use in diagnostic procedures.

ELISA



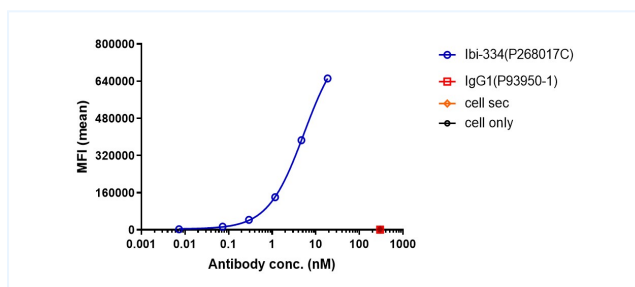
Ibi-334 bound to ERBB1/EGFR/HER1 protein, and then rebounded to secondary antibodies(Anti-Human-IgG-Fc-HRP) , and read OD450. As shown in fig, Ibi-334 bound human ERBB1/EGFR/HER1 Protein-His, and the EC50 was 0.029 nM.

Bioactivity: FACS



Ibi-334 bound to huB7-H3 CHO-K cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, Fcy PE) , and test by flow cytometry. As shown in fig, Ibi-334 bound to huB7-H3 CHO-K cells, and the EC50 was 4.066 nM.

Bioactivity: FACS



Ibi-334 bound to in huEGFR CHO-K cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, Fcy PE) , and test by flow cytometry. As shown in fig, Ibi-334 bound to in huEGFR CHO-K cells, and the EC50 was 5.398 nM.

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