



CERTIFICATE OF ANALYSIS

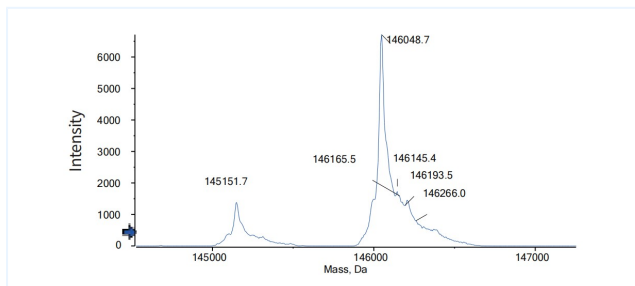


Product Details

Product name:	Anti-CD20 & CD3e Reference Antibody (Mosunetuzumab)	Lot.No.:	P265031C
Target:	CD20, CD3e	Catalog:	CHBA021
Target Accession:	P11836 & P07766	Concentration :	1
Clonality:	Bispecific	Isotype:	IgG-like
Reactivity:	Human	Molecular Weight (kDa) :	146.72 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

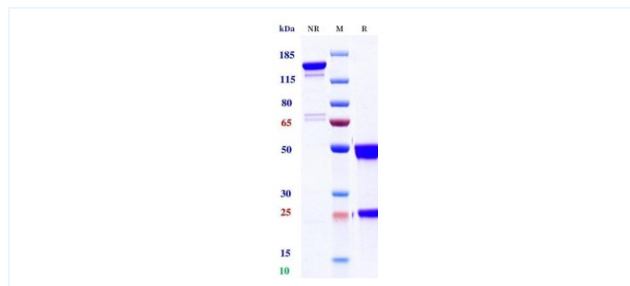
Data

MASS



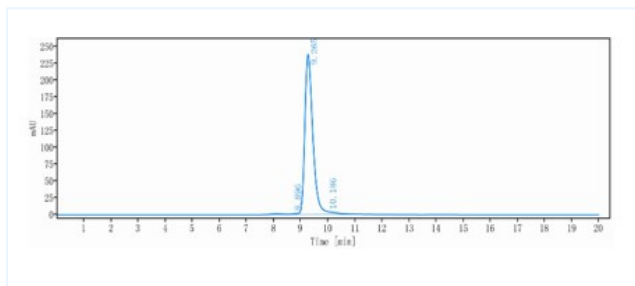
The detected molecular weight of Anti-CD20 & CD3e Reference Antibody (Mosunetuzumab) is 146.05 kDa.

Purity: SDS-PAGE



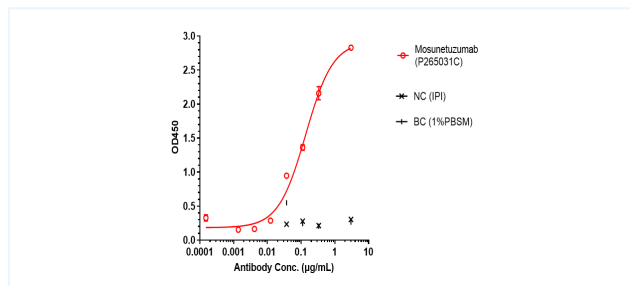
Anti-CD20 & CD3e Reference Antibody (Mosunetuzumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



The purity of Anti-CD20 & CD3e Reference Antibody (Mosunetuzumab) is 96.7%, determined by SEC-HPLC.

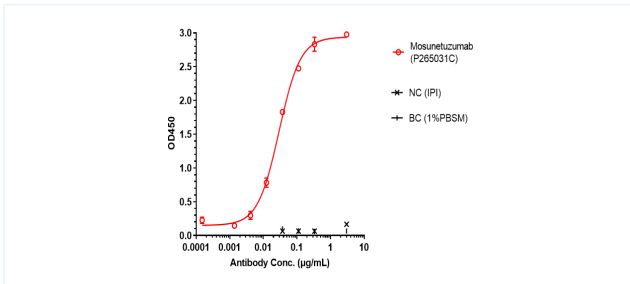
ELISA



Mosunetuzumab bound to CD20 protein, and then rebounded to secondary antibodies(Anti-Human-IgG-Fc-HRP), and read OD450. As shown in fig, Mosunetuzumab bound to huCD20-VLP, and the EC50 was 0.136 nM.

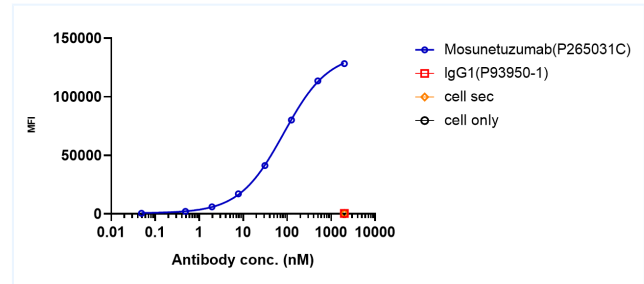
The products are for research use only. Not for use in diagnostic procedures.

ELISA



Mosunetuzumab bound to CD3e protein, and then rebounded to secondary antibodies(Anti-Human- κ + λ -HRP), and read OD450. As shown in fig 4, Mosunetuzumab bound to huCD3e-Fc, and the EC50 was 0.029 nM.

Bioactivity: FACS



Mosunetuzumab bound to CD3e protein, and then rebounded to secondary antibodies(Anti-Human- κ + λ -HRP), and read OD450. As shown in fig 4, Mosunetuzumab bound to huCD3e-Fc, and the EC50 was 0.029 nM.

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