



CERTIFICATE OF ANALYSIS

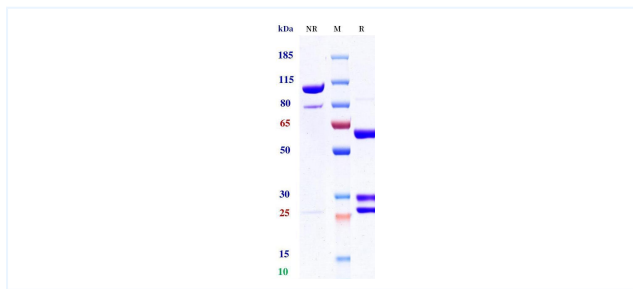


Product Details

Product name:	Anti-CD79b & Fc-gamma-R2B/CD32b Reference Antibody (Mgd010)	Lot.No.:	P262517C
Target:	CD79b, FcgR2b / CD32b	Catalog:	CHBA028
Target Accession:	P40259 & P31994	Concentration :	1 mg/mL
Clonality:	Bispecific	Isotype:	DART-Fc
Reactivity:	Human	Molecular Weight (kDa) :	108.77 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

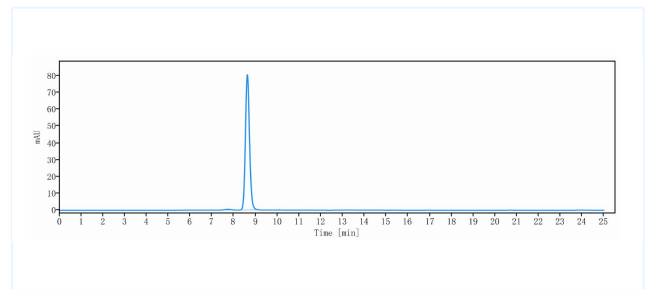
Data

Purity: SDS-PAGE



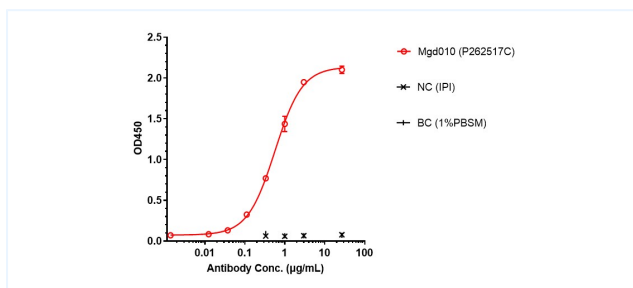
Anti-CD79b & Fc-gamma-R2B/CD32b Reference Antibody (Mgd010) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



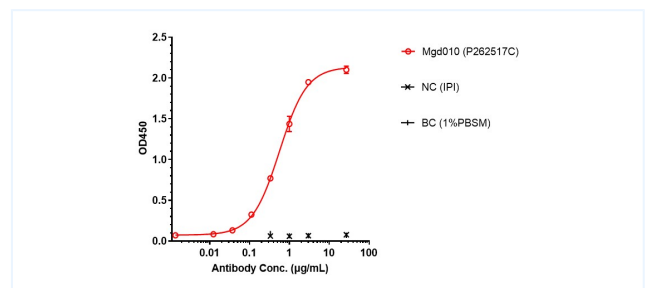
The purity of Anti-CD79b & Fc-gamma-R2B/CD32b Reference Antibody (Mgd010) is 99.28%, determined by SEC-HPLC.

ELISA



Mgd010 bound to CD79b protein, and then rebounded to secondary antibodies (Anti-human-IgG-Fc-HRP), and read OD450. As shown in fig, Mgd010 bound to huCD79b-His, and the EC50 was 0.121 nM.

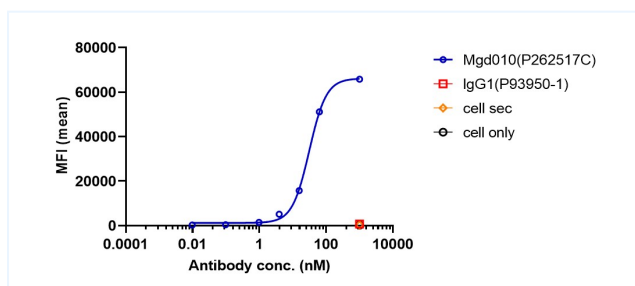
ELISA



Mgd010 bound to CD32b protein, and then rebounded to secondary antibodies (Anti-human-IgG-Fc-HRP), and read OD450. As shown in fig, Mgd010 bound to huCD32b-His, and the EC50 was 0.566 nM.

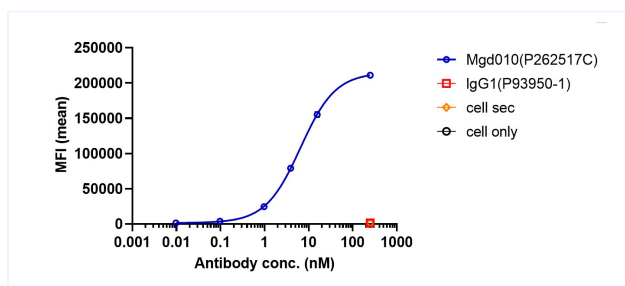
The products are for research use only. Not for use in diagnostic procedures.

Bioactivity: FACS



Mgd010 bound to huCD79B-2FLAG -huCD79A-His-Daudi-A18 cells, and then rebounded to fluorescent secondary antibodies (Anti-human IgG, Fcy PE), and test by flow cytometry. As shown in fig, Mgd010 bound to huCD79B-2FLAG -huCD79A-His-Daudi-A18 cells, and the EC50 was 31.34 nM.

Bioactivity: FACS



Mgd010 bound to huCD32b-HEK293 cells, and then rebounded to fluorescent secondary antibodies (Anti-human IgG, Fcy PE), and test by flow cytometry. As shown in fig, Mgd010 bound to huCD32b-HEK293 cells, and the EC50 was 6.547 nM.

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