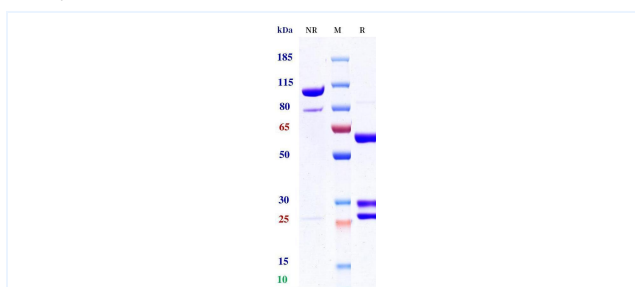


Product Details

Product name:	Anti-CD79b & Fc-gamma-R2B/CD32b (Mgd010 Biosimilar)	SKU:	BIO1016SM
Target Name:	CD79b & Fc-gamma-R2B/CD32b	Size:	100ug/ 1mg/ 5mg
Target Uniprot:	P40259 & P31994	Concentration:	Lyophilized
Clone#:	Mgd010 (Bispecific)	Isotype:	DART-Fc
Reactivity:	Human	Calculated M.W.:	108.77 kDa
Application:	ELISA, Bioactivity: FACS, Functional assay, Research in vivo	Endotoxin:	<0.001 EU/ug
Formulation:	100 mM Pro-Ac 20mM Arg pH 5.0	Conjugation:	None
Storage:	-20°C for 2 years under sterile conditions; -20°C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.	Expression System:	CHO
Reconstitution:	Dissolve with sterile ddH₂O	Purification:	Protein A

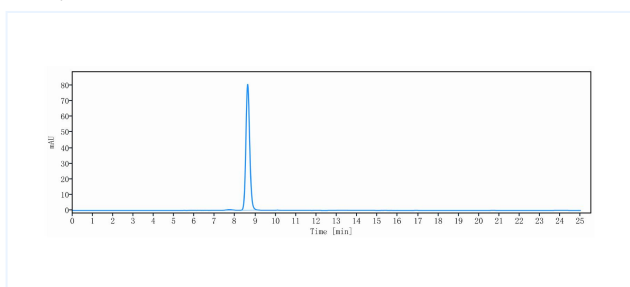
Data

Purity: SDS-PAGE



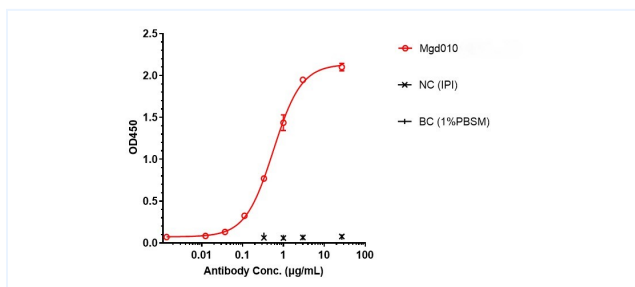
Anti-CD79b & Fc-gamma-R2B/CD32b Reference Antibody (Mgd010) on SDS-PAGE under reducing (R) condition. The purity of the proteins greater than 95%.

Purity: SEC-HPLC



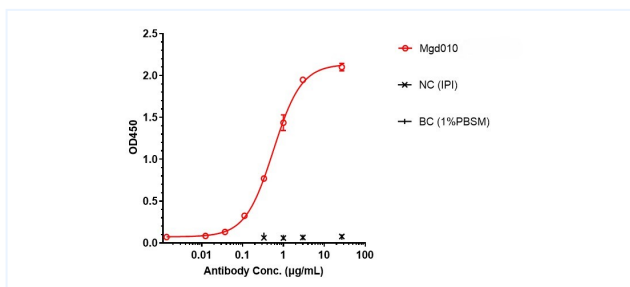
The purity of Anti-CD79b & Fc-gamma-R2B/CD32b Reference Antibody (Mgd010) is 99.28%, determined by SEC-HPLC.

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.

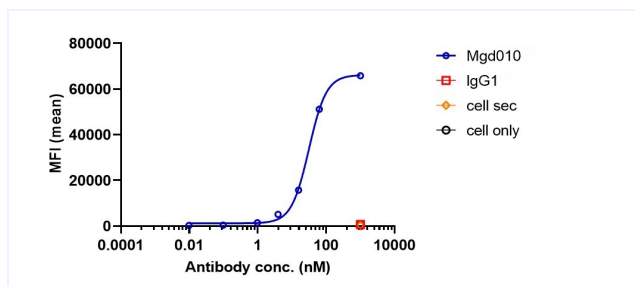
ELISA



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.

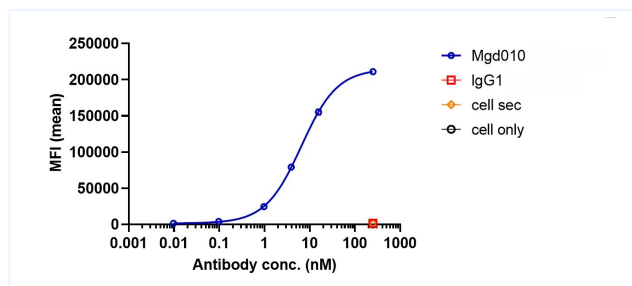
Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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.