

PRODUCT INFORMATION

Common Name	cepeprubart
Conjugate	Unconjugated
Synonyms	selectin P ligand, selectin P glycoprotein ligand, PSGL-1, CD162, SELPLG
Applications	ELISA, Flow Cyt
Endotoxin	Less than 1.0 EU/ μ g by the LAL method. For <1 EU/mg requirements, please contact us for customization.
Recommended Dilutions	ELISA 1:5000-10000, Flow Cyt 1:100
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Host Species	Chimeric Humanized
IgG type	Human IgG2(P193T,V282M,K322A,S378A) - kappa
Reactivity	Human
Target	CD162
Uniprot ID	Q14242
Description	Anti-CD162(cepeprubart biosimilar) mAb
Delivery	In Stock
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized antibodies are shipped at ambient temperature.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μ m) prior to use.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only



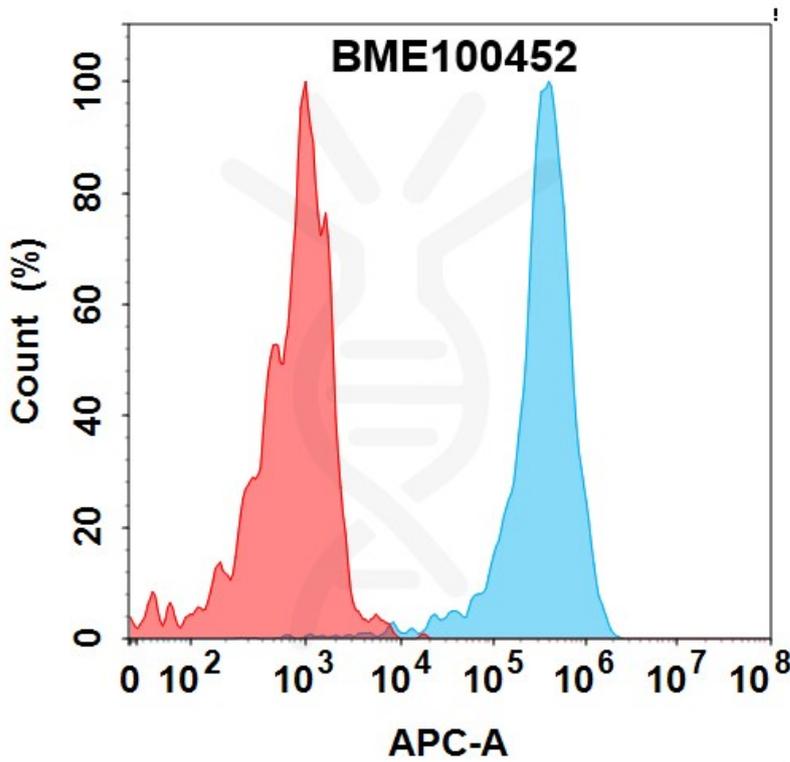


Figure 1. Flow cytometry analysis with 0.5 µg/mL Anti-CD162(cepeprubart biosimilar) mAb (BME100452) on HEK293 cells transfected with Human CD162 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

Anti-CD162(cepeprubart biosimilar) mAb ELISA

0.2 µg of Human CD162, His tagged protein per well

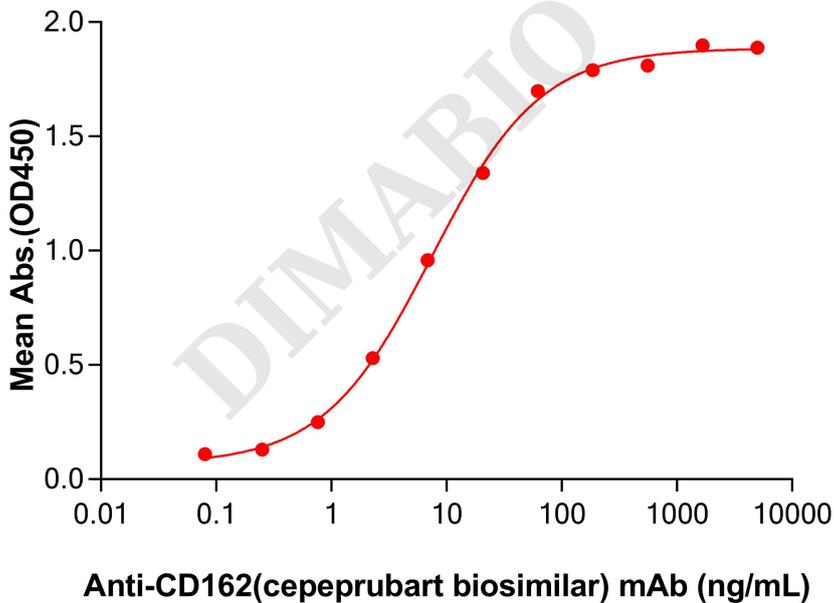


Figure 2. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CD162 Protein, His Tag (PME100471) can bind Anti-CD162(cepeprubart biosimilar) mAb (BME100452) in a linear range of 0.76–61.73 ng/mL.

