

PRODUCT INFORMATION

Common Name	53Hu37 M1
Conjugate	Unconjugated
Synonyms	CXC-R3; CXCR-3; CD183; CKR-L2; GPR9
Applications	ELISA, Flow Cyt
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	Humanized
IgG type	Human IgG1(S239D,I332E,E356D,M358L) - kappa
Reactivity	Human
Target	CXCR3
Uniprot ID	P49682
Description	Anti-CXCR3 (53Hu37 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.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only



Anti-CXCR3 (53Hu37 biosimilar)mAb ELISA

0.2 µg of Human CXCR3, hFc tagged protein per well

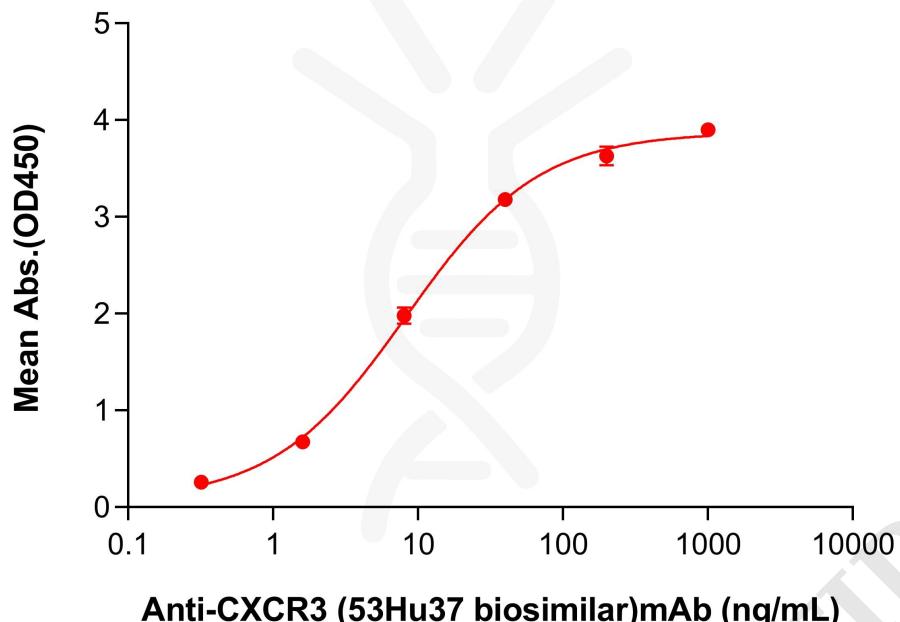


Figure 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CXCR3 Protein, hFc Tag (PME100833) can bind Anti-CXCR3 (53Hu37 biosimilar)mAb (BME100283) in a linear range of 1.6–8 ng/mL. In order to specifically detect BME100283, mouse anti-human Fab-specific antibody was used as detection antibody.

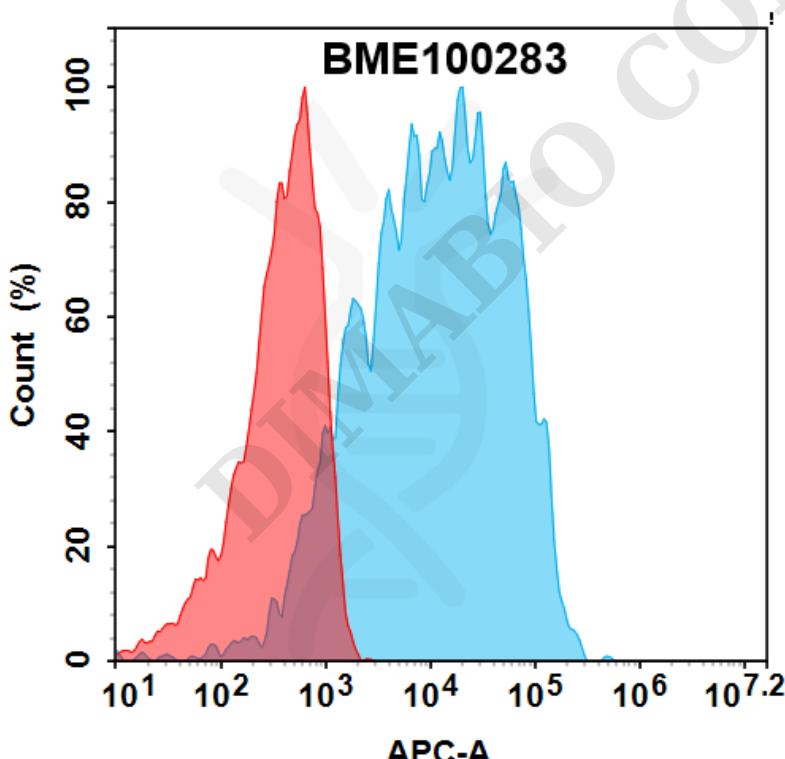


Figure 2. Flow cytometry analysis with 0.5 µg/ml Anti-CXCR3 (53Hu37 biosimilar)mAb (BME100283) on HEK293 cells transfected with human CXCR3 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

