

PRODUCT INFORMATION

Common Name	HuMax-CD38
Synonyms	CD38;T10;ADPRC1
Conjugate	Unconjugated
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	Homo sapiens
IgG type	Human IgG1 - kappa
Reactivity	Human
Target	CD38
Uniprot ID	P28907
Description	Anti-CD38 (daratumumab 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 proteins 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



Anti-CD38 (daratumumab biosimilar) mAb ELISA

0.2 μ g Human CD38, hFc-His Tagged protein per well

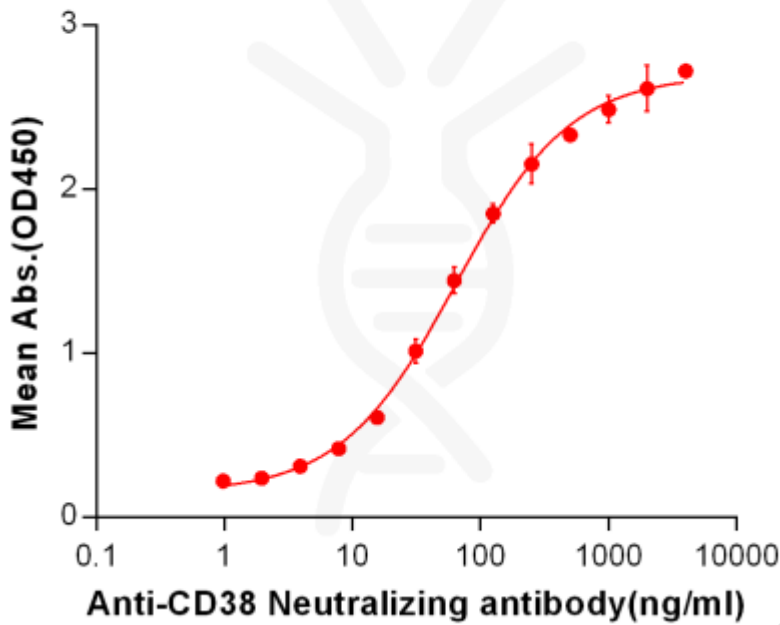


Figure 1. ELISA plate pre-coated by 2 μ g/ml (100 μ L/well) Human CD38, hFc-His tagged protein (PME100004) can bind Anti-CD38 Neutralizing antibody in a linear range of 0.98-64.14 ng/ml. In order to specifically detect BME100004, mouse anti-human Fab-specific antibody was used as detection antibody.

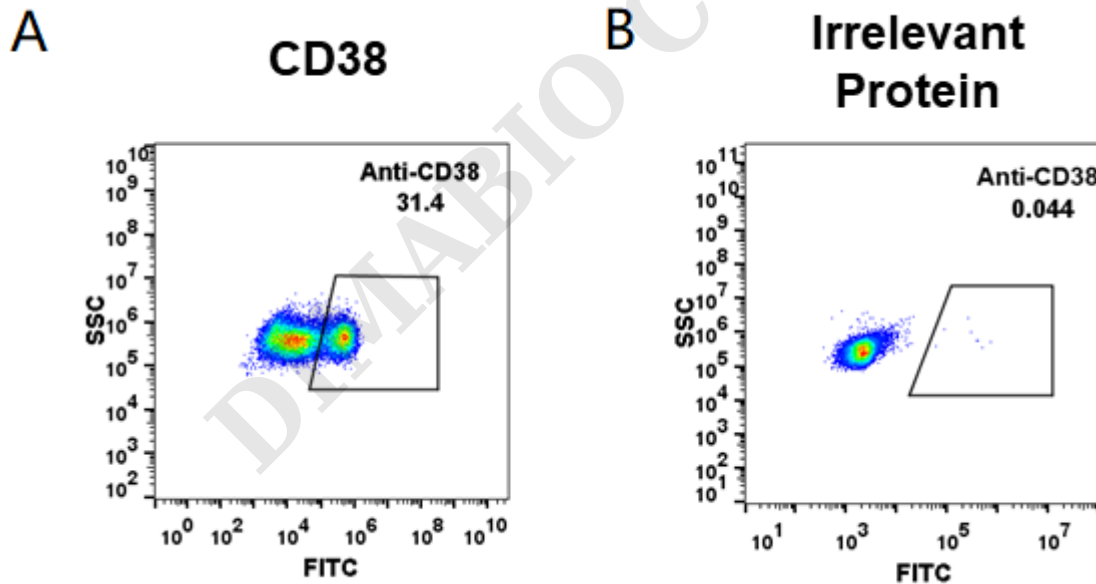


Figure 2. HEK293 cell line transfected with irrelevant protein (B) and human CD38 (A) were surface stained with anti-CD38 neutralizing antibody 1 μ g/ml (daratumumab) followed by Alexa 488-conjugated anti-human IgG secondary antibody.

