PRODUCT INFORMATION

Common Name	HuMax-CD38
Synonyms	CD38;T10;ADPRC1
Conjugate	Unconjugated
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	Homo sapiens
IgG type	IgG1
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.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only
DIMA Disclaimer	All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scrutinizing all patent application to ensure no IP infringement.

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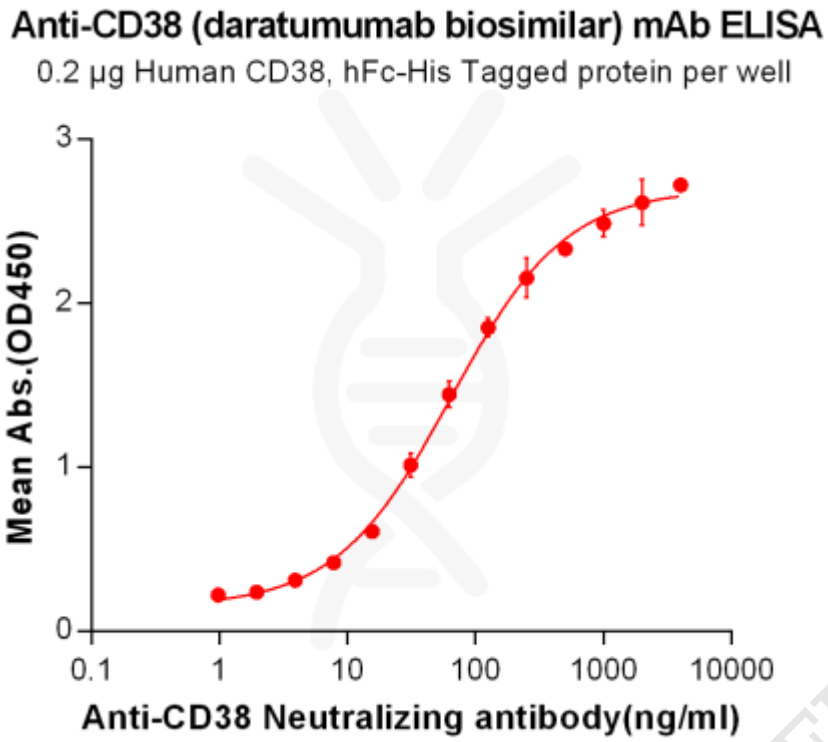

Figure 1. ELISA plate pre-coated by 2 μg/ml (100 μL/well) Human CD38, hFc-His tagged protein (PME100004) can bind Anti-CD38 Neutralizing antibody in a linear range of 0.98-64.14 ng/ml. In order to specifically detect BME100004, mouse anti-human Fab-specific antibody was used as detection antibody.

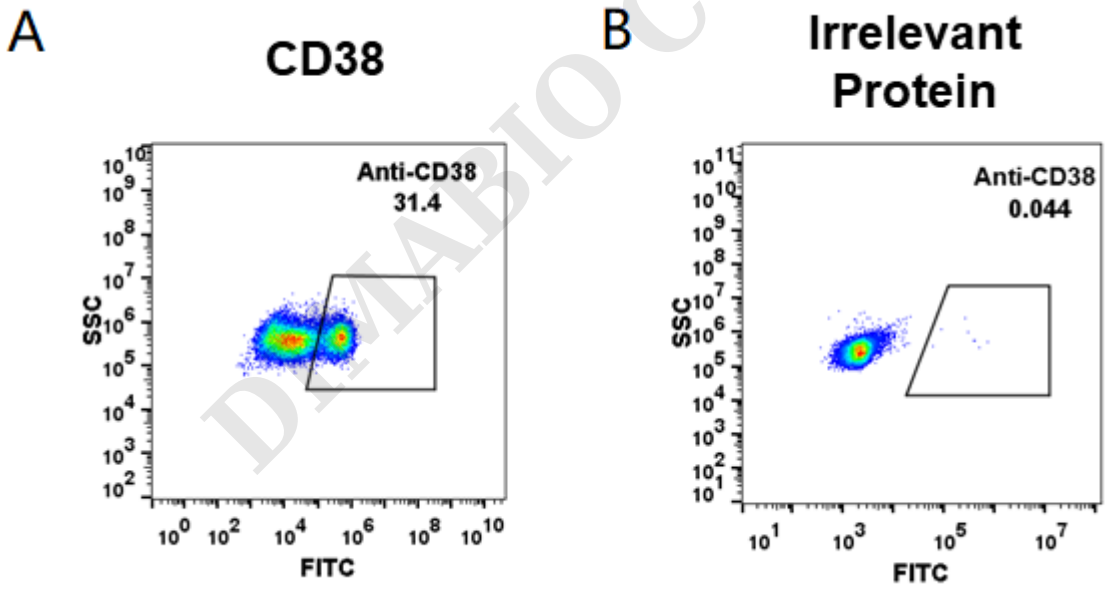

Figure 2. HEK293 cell line transfected with irrelevant protein **(B)** and human CD38 **(A)** were surface stained with anti-CD38 neutralizing antibody 1μg/ml (daratumumab) followed by Alexa 488-conjugated anti-human IgG secondary antibody.

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