

## Product Datasheet

### CD38 Biosimilar Antibody (orb689309)

<b>Catalog Number</b>	orb689309
<b>Category</b>	Antibodies
<b>Description</b>	Anti-CD38 (daratumumab biosimilar) mAb
<b>Target</b>	CD38
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Human
<b>Isotype</b>	Human IgG1 - kappa
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Powder
<b>Reconstitution</b>	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.
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>UniProt ID</b>	<b>P28907</b>
<b>Tested applications</b>	ELISA, FC
<b>Dilution range</b>	ELISA 1:5000-10000; Flow Cyt 1:100
<b>Antibody Type</b>	Biosimilar Antibody

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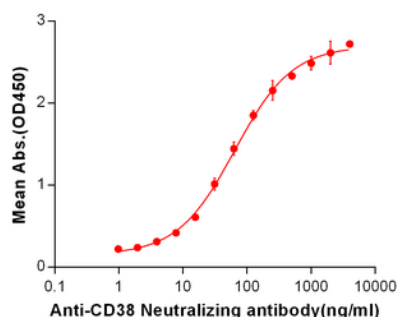
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**Storage** Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

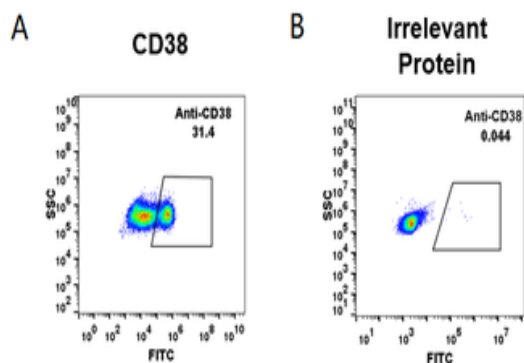
**Note** For research use only

**Expiration Date** 12 months from date of receipt.

Anti-CD38 (daratumumab biosimilar) mAb ELISA  
0.2 µg Human CD38, hFc-His Tagged protein per well



ELISA plate pre-coated by 2 µg/ml (100 µL/well) Human CD38, hFc-His tagged protein (orb689365) can bind Anti-CD38 Neutralizing antibody in a linear range of 0.98-64.14 ng/ml. In order to specifically detect orb689309, mouse anti-human Fab-specific antibody was used as detection antibody.



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

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