

**PRODUCT INFORMATION**

<b>Common Name</b>	MABp1
<b>Synonyms</b>	IL-1 alpha;IL-1A;IL1;IL1-ALPHA;IL1F1
<b>Applications</b>	ELISA; Flow Cyt
<b>Recommended Dilutions</b>	ELISA 1:5000-10000; Flow Cyt 1:100
<b>Formulation &amp; 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>Host Species</b>	Humanized
<b>IgG type</b>	IgG1
<b>Reactivity</b>	Human
<b>Target</b>	IL1A
<b>Uniprot ID</b>	P01583
<b>Description</b>	Anti-IL1A(bermekimab biosimilar) mAb
<b>Delivery</b>	In Stock
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



## Anti-IL1A (bermekimab biosimilar) mAb ELISA

0.2  $\mu$ g of Human IL1A, hFc tagged protein per well

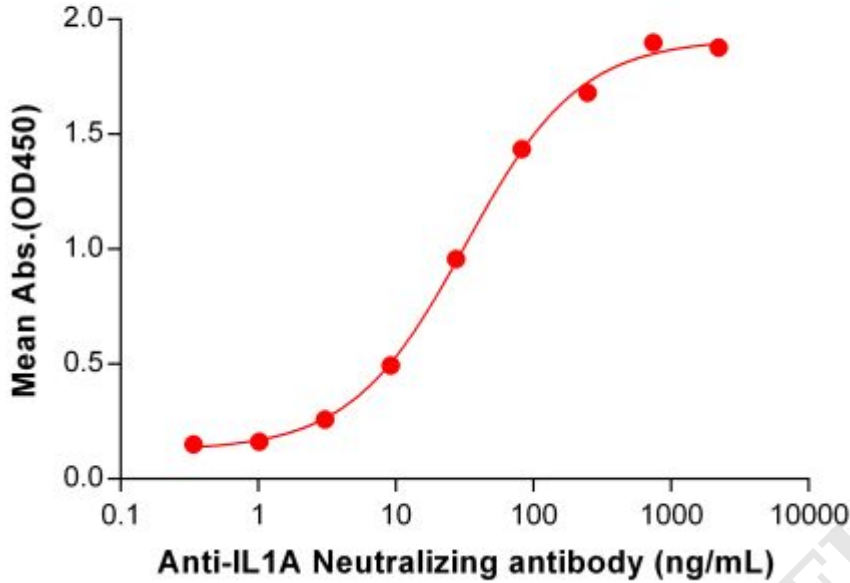


Figure 1. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human IL1A Protein, hFc Tag (PME101053) can bind Anti-IL1A Neutralizing antibody (BME100097) in a linear range of 3.05-740.74 ng/mL. In order to specifically detect BME100097, mouse anti-human Fab-specific antibody was used as detection antibody.

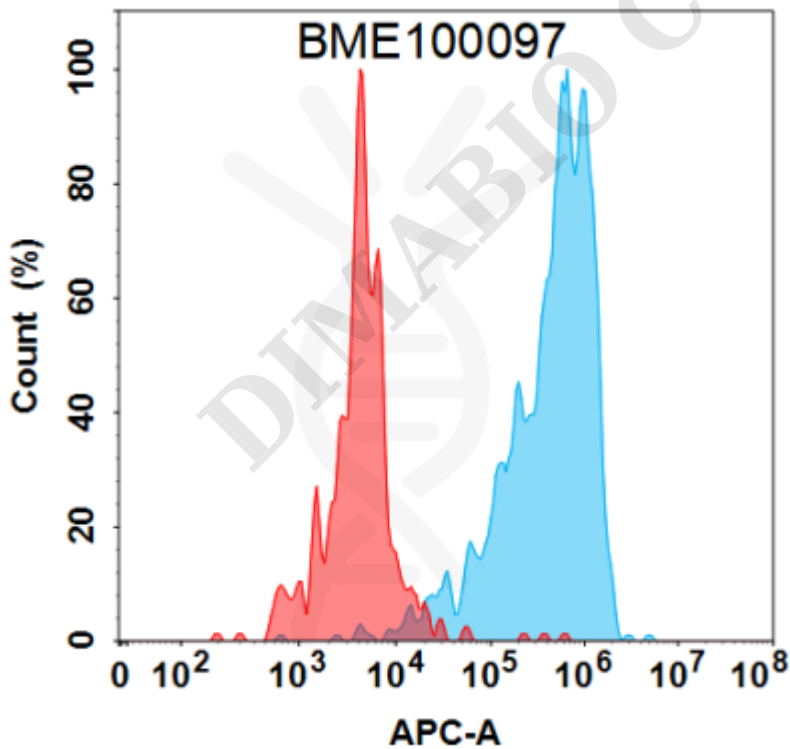


Figure 2. Flow cytometry analysis under cell membrane permeable condition with 1  $\mu$ g/mL Anti-IL1A (bermekimab biosimilar) mAb (BME100097) on Expi293 cells transfected with Human IL1A protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

