

**PRODUCT INFORMATION**

<b>Common Name</b>	MABp1
<b>Synonyms</b>	IL-1 alpha;IL-1A;IL1;IL1-ALPHA;IL1F1
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA; Flow Cyt
<b>Endotoxin</b>	Less than 1.0 EU/ $\mu$ g by the LAL method. For <1 EU/mg requirements, please contact us for customization.
<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>	Human IgG1 - kappa
<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>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 $\mu$ m) prior to use.
<b>Background</b>	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
<b>Usage</b>	Research use only



**Anti-IL1A (bermekimab biosimilar) mAb ELISA**

0.2 µg of Human IL1A, hFc tagged protein per well

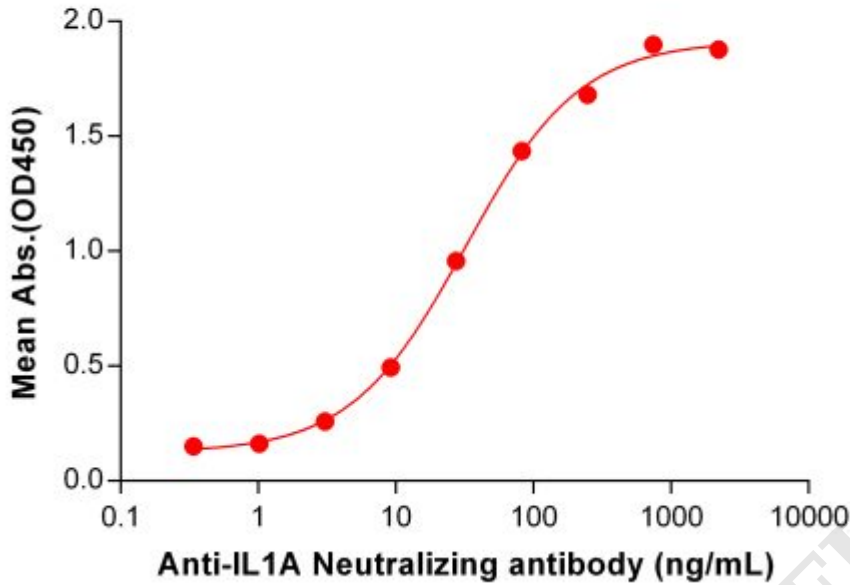


Figure 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human IL1A Protein, hFc Tag (PME101053) can bind Anti-IL1A Neutralizing antibody (BME100097) in a linear range of 3.05-740.74 ng/mL. In order to specifically detect BME100097, mouse anti-human Fab-specific antibody was used as detection antibody.

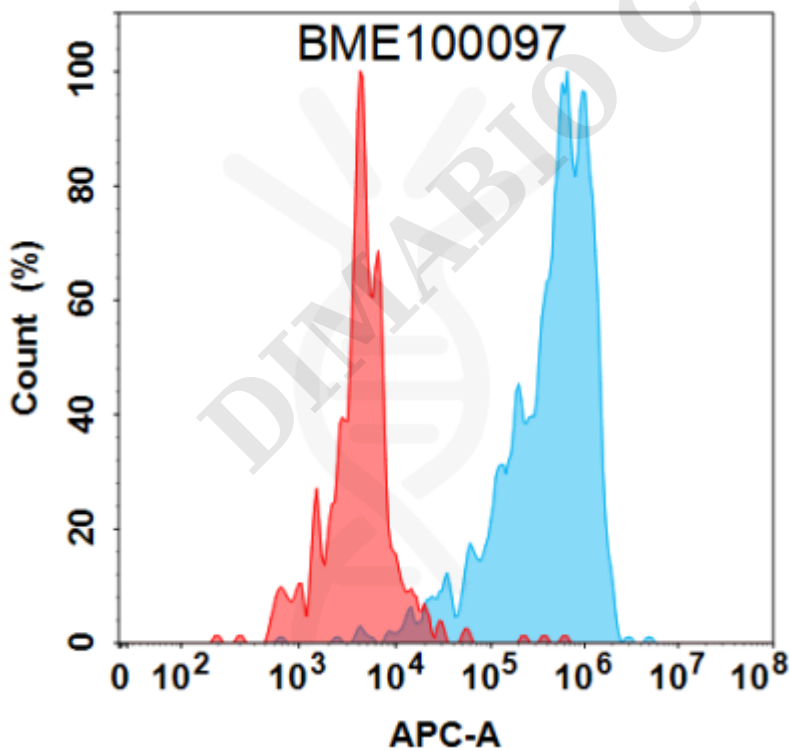


Figure 2. Flow cytometry analysis under cell membrane permeable condition with 1 µg/mL Anti-IL1A (bermekimab biosimilar) mAb (BME100097) on HEK293 cells transfected with Human IL1A protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

