

## **PRODUCT INFORMATION**

**Common Name** Hu5F9-G4 Conjugate Unconjugated CD47;MER6;IAP **Synonyms 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 Human IgG1 - kappa

Reactivity Human **Target CD47 Uniprot ID** Q08722

**Description** Anti-CD47 (magrolimab biosimilar; IgG1) mAb

**Delivery** In Stock

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 Storage & Shipping

at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

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témperature.

Research grade biosimilar. Not for use in

**Background** therapeutic or diagnostic procedures for humans

or animals.

Usage Research use only





## Human CD47, mFc-His tagged protein ELISA

0.1 μg of Human CD47, mFc-His tagged protein per well

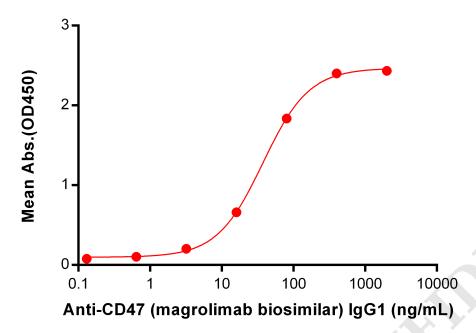


Figure 1. ELISA plate pre-coated by 1  $\mu$ g/ml (100  $\mu$ l/well) Human CD47, mFc-His tagged protein PME100008 can bind Anti-CD47 $[magrolimab\ biosimilar]$ IgG1 $[magrolimab\ biosimilar]$ BME100050 in a linear range of 3.2-16.0 ng/ml.

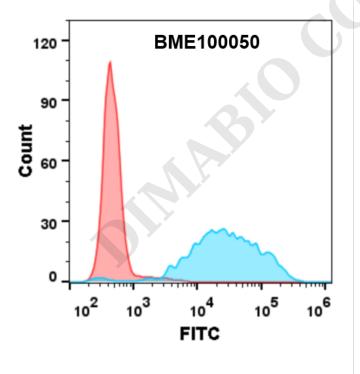


Figure 2. Jurkat cell line were surface stained with anti-CD47 (BME100050) (Blue histogram) and isotype control (Red histogram) 1µg/ml followed by Alexa 488-conjugated Goat anti-Human IgG secondary antibody.

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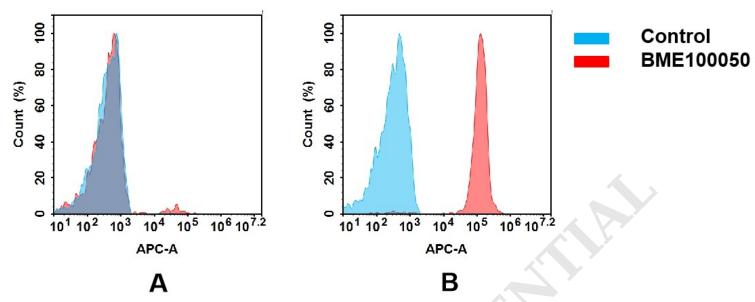


Figure 3. Flow cytometry analysis of antigen binding of anti-human CD47 mAb(BME100050). (A) BME100050 does not bind to CHO-S cells that do not express CD47. (B) A clear peak shift of BME100050 was seen compared to the control when incubated with CD47-expressing 8226 cells, indicating strong binding of BME100050 to CD47. Antibodies were incubated at 5 µg/mL.



