

PRODUCT INFORMATION

wmmon Name Warning: Undefined variable \$hasAttributeValueDescription in C:\www.root\mirror.dimabio.com\wp-content\plugins\woocommerce-print-products-public.php on line 2806 []-011133, TiC-4

Conjugate Unconjugated
Synonyms CD47;MER6;IAP
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.

Reconstitution specific instructions of reconstitution

Host Species Humanized

 IgG type
 Human IgG4 - Kappa

 Reactivity
 Human

 Target
 CD47

 Uniprot ID
 Q08722

Description Anti-CD47(lemzoparlimab biosimilar) mAb

Delivery In Stock

orage & 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

Anti-CD47 (lemzoparlimab biosimilar) mAb ELISA

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

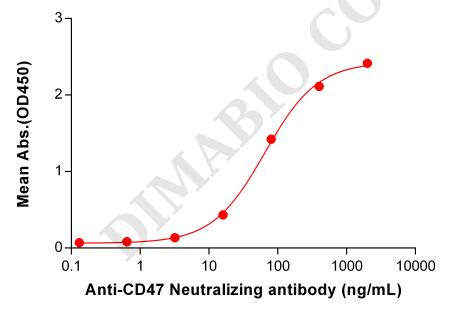


Figure 1. ELISA plate pre-coated by 1 μ g/mL (100 μ L/well) Human CD47 protein, mFc-His Tag PME100008 can bind Anti-CD47 Neutralizing antibody (BME100076) in a linear range of 3.2-400 ng/mL.

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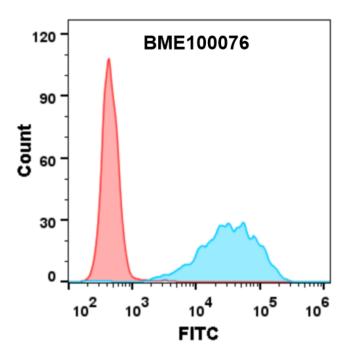


Figure 2. Jurkat cell line were surface stained with anti-CD47 (BME100076) (Blue histogram) and isotype control (Red histogram) $1\mu g/ml$ followed by Alexa 488-conjugated Goat anti-Human IgG secondary antibody.

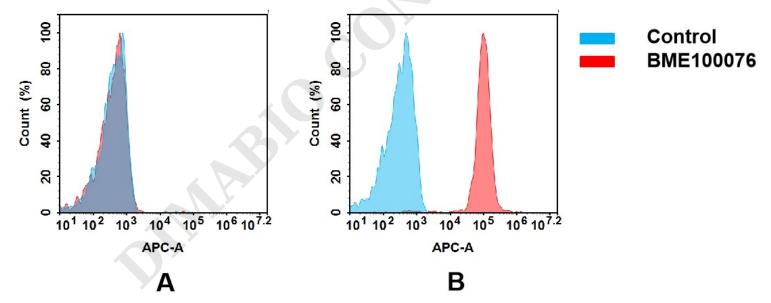


Figure 3. Flow cytometry analysis of antigen binding of anti-human CD47 mAb(BME100076). (A) BME100076 does not bind to CHO-S cells that do not express CD47. (B) A clear peak shift of BME100076 was seen compared to the control when incubated with CD47-expressing 8226 cells, indicating strong binding of BME100076 to CD47. Antibodies were incubated at 5 μ g/mL.

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