

**PRODUCT INFORMATION**

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|---|--|
| <b>Common Name</b>                      | Hu5F9-G4   |
| <b>Conjugate</b>                        | Unconjugated   |
| <b>Synonyms</b>                         | CD47;MER6;IAP  |
| <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>                     | Chimeric Humanized   |
| <b>IgG type</b>                         | IgG4   |
| <b>Reactivity</b>                       | Human  |
| <b>Target</b>                           | CD47   |
| <b>Uniprot ID</b>                       | Q08722   |
| <b>Description</b>                      | Anti-CD47 (magrolimab biosimilar, IgG4) 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>DIMA Disclaimer</b>                  | All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scrutinizing all patent application to ensure no IP infringement. |



## Human CD47, mFc-His Tagged protein ELISA

0.2  $\mu\text{g}$  of Human CD47, mFc-His tagged protein per well

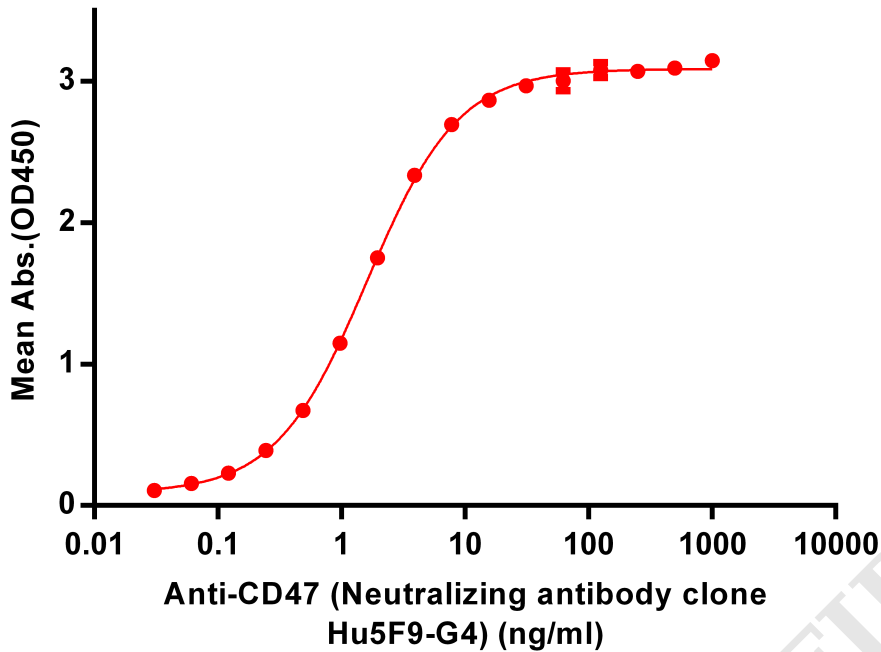


Figure 1. ELISA plate pre-coated by 2  $\mu\text{g}/\text{ml}$  (100  $\mu\text{l}/\text{well}$ ) Human CD47, mFc-His tagged protein PME100008 can bind Anti-CD47 (Neutralizing antibody clone Hu5F9-G4) in a linear range of 0.061-1.606 ng/ml.

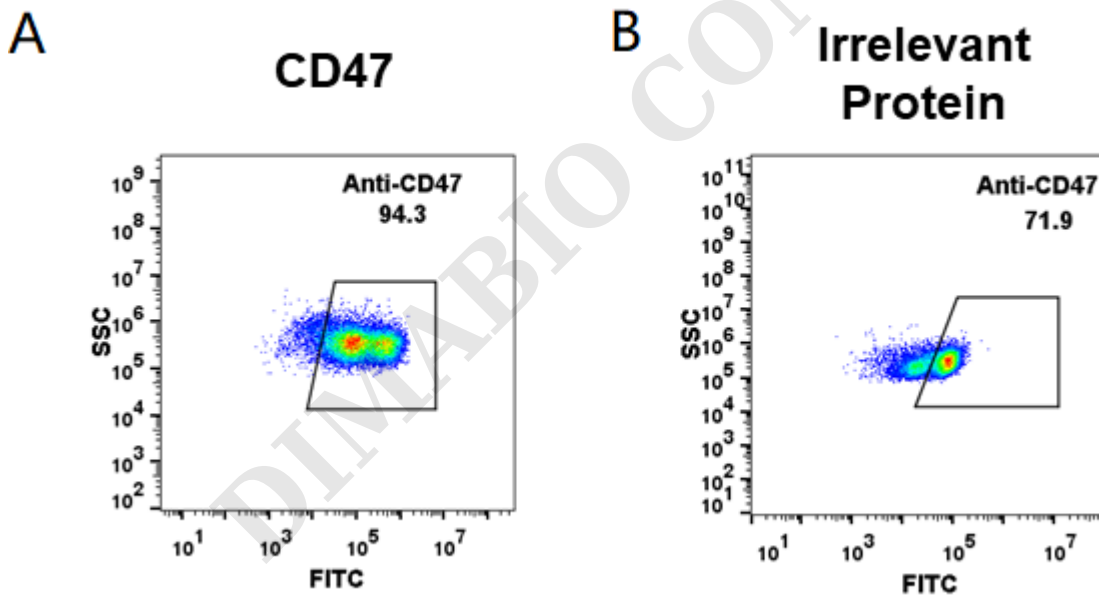


Figure 2. HEK293 cell line transfected with irrelevant protein (B) and human CD47(A) were surface stained with anti-CD47 neutralizing antibody 1 $\mu\text{g}/\text{ml}$  (magrolimab) followed by Alexa 488-conjugated anti-human IgG secondary antibody.

