

PRODUCT INFORMATION

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|---|---|
| Common Name | SGN-70, h1F6 |
| Synonyms | CD70;CD27L;CD27LG;TNFSF7 |
| 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 | IgG1 |
| Reactivity | Human |
| Target | CD70 |
| Uniprot ID | P32970 |
| Description | Anti-CD70 (vorsetuzumab biosimilar) mAb |
| Delivery | In Stock |
| Storage & 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 |

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Anti-CD70 (vorsetuzumab biosimilar) mAb ELISA

0.2µg of Human CD70, mFc-His Tagged protein per well

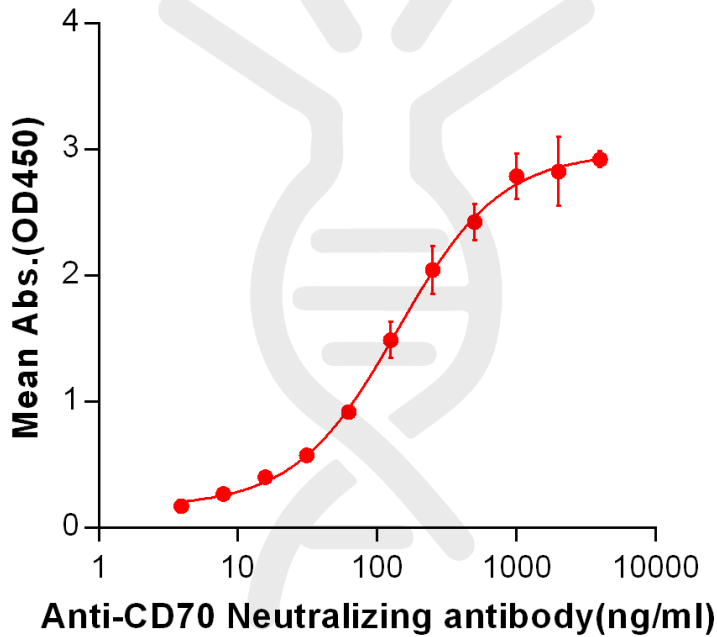


Figure 1 . ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CD70, mFc-His tagged protein PME100042 can bind Anti-CD70 Neutralizing antibody in a linear range of 3.91-139.9 ng/ml.

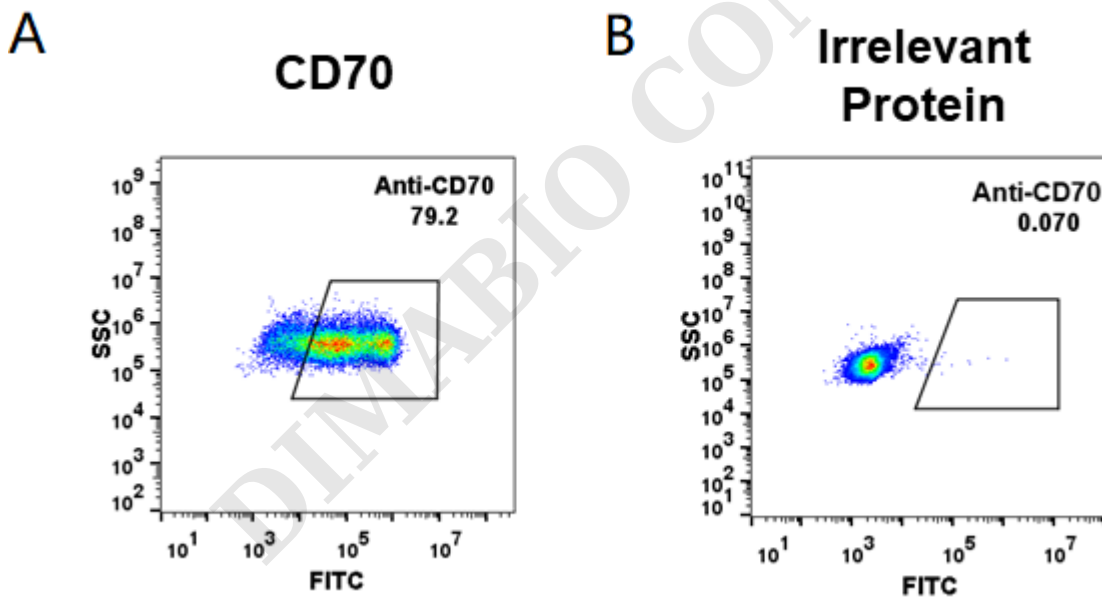


Figure 2. HEK293 cell line transfected with irrelevant protein (B) and human CD70 (A) were surface stained with anti-CD70 neutralizing antibody 1µg/ml (vorsetuzumab) followed by Alexa 488-conjugated anti-human IgG secondary antibody.



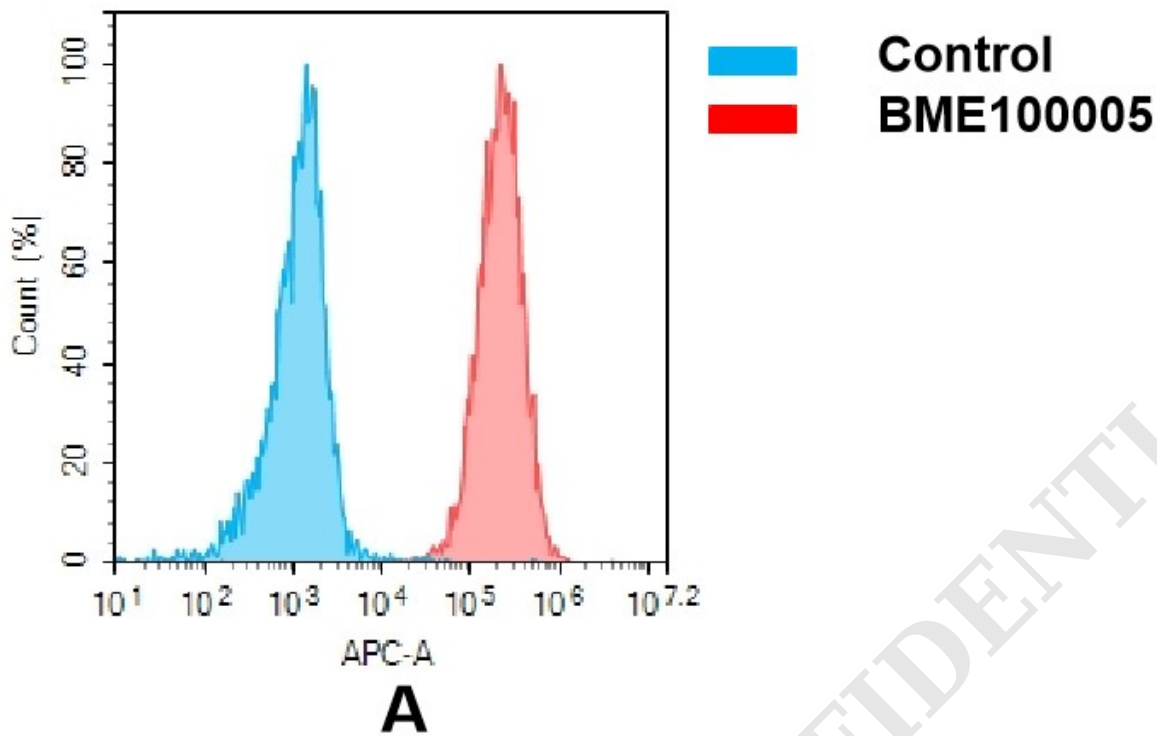


Figure 3. Flow cytometry analysis of antigen binding of anti-human CD70 mAb(BME100005). (A) A clear peak shift of BME100005 was seen compared to the control when incubated with CD70-expressing THP1 cells, indicating strong binding of BME100005 to CD70. Antibodies were incubated at 2 μ g/mL.

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