

**PRODUCT INFORMATION**

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| <b>Common Name</b>                      | FPA-150, FPA150  |
| <b>Synonyms</b>                         | B7-H4;B7h.5;B7H4;B7S1;B7X;PRO1291;VCTN1  |
| <b>Conjugate</b>                        | Unconjugated   |
| <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>                     | Homo sapiens   |
| <b>IgG type</b>                         | IgG1   |
| <b>Reactivity</b>                       | Human  |
| <b>Target</b>                           | B7H4   |
| <b>Uniprot ID</b>                       | Q7Z7D3   |
| <b>Description</b>                      | Anti-B7-H4(alsevalimab 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>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. |



## Anti-B7H4 (alsevalimab biosimilar) mAb ELISA

0.1  $\mu$ g of Human B7H4, hFc tagged protein per well

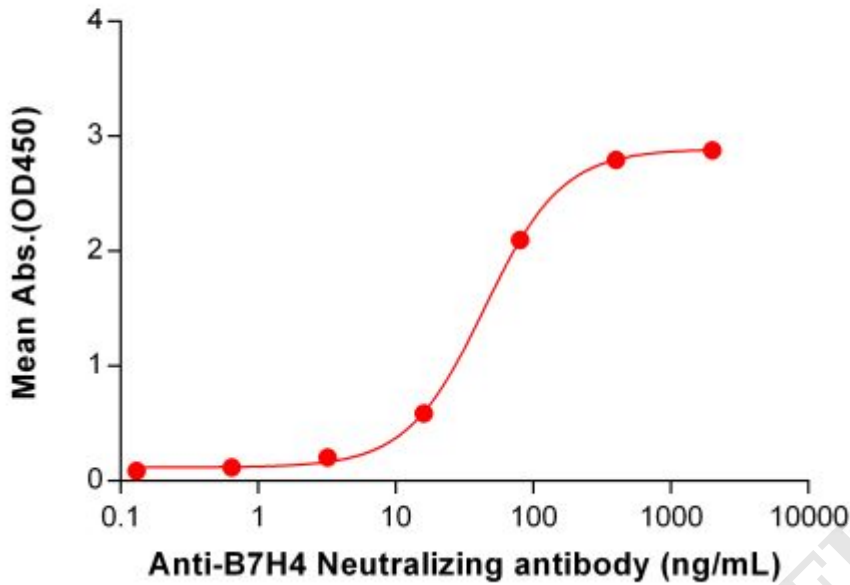


Figure 1. ELISA plate pre-coated by 1  $\mu$ g/ml (100  $\mu$ L/well) Human B7-H4, hFc-His tagged protein (PME100053) can bind Anti-B7-H4 Neutralizing antibody (BME100078) in a linear range of 3.2-80 ng/ml. In order to specifically detect BME100078, mouse anti-human Fab-specific antibody was used as detection antibody.

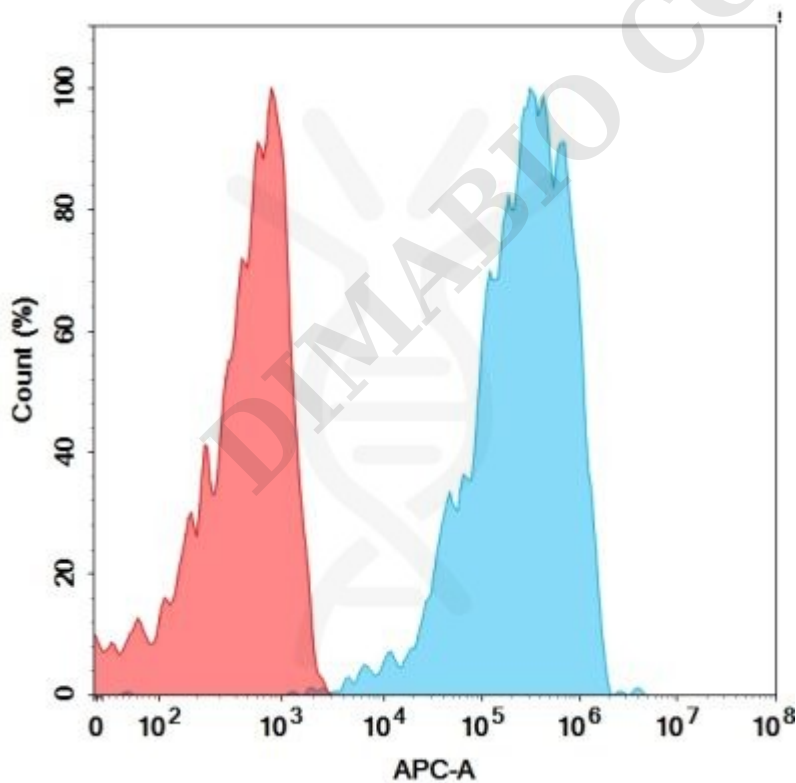


Figure 2. Flow cytometry analysis with 1  $\mu$ g/mL Anti-B7-H4 (alsevalimab) mAb (BME100078) on Expi293 cells transfected with Human B7-H4 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

