

## PRODUCT INFORMATION

<b>Common Name</b>	<b>Warning:</b> Undefined variable \$hasAttributeValueDescription in C:\wwwroot\mirror.dimabio.com\wp-content\plugins\woocommerce-print-products\publicclass-woocommerce-print-products-public.php on line 2806 PPA-150, PPA150
<b>Synonyms</b>	<b>Warning:</b> Undefined variable \$hasAttributeValueDescription in C:\wwwroot\mirror.dimabio.com\wp-content\plugins\woocommerce-print-products\publicclass-woocommerce-print-products-public.php on line 2806 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>	Human IgG1 - kappa
<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>Yefei_Storage</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

## Anti-B7H4 (alsevalimab biosimilar) mAb ELISA

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

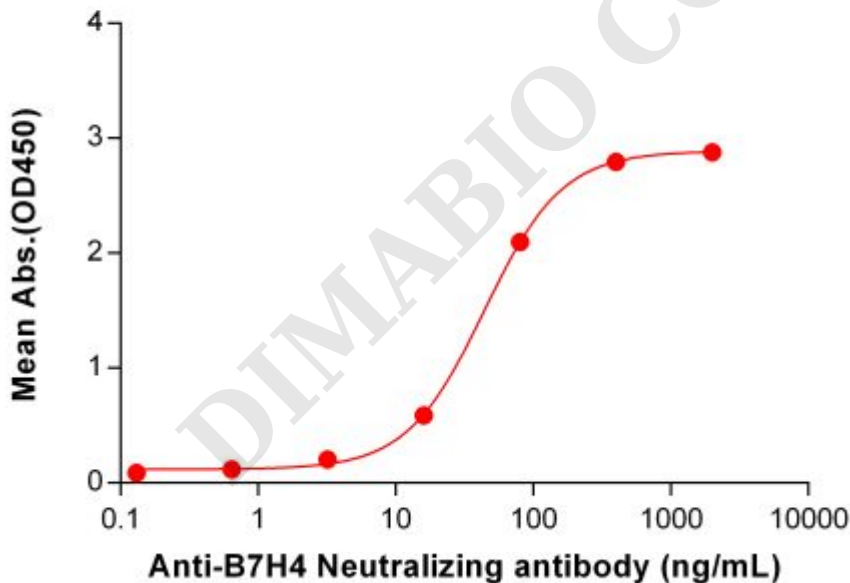
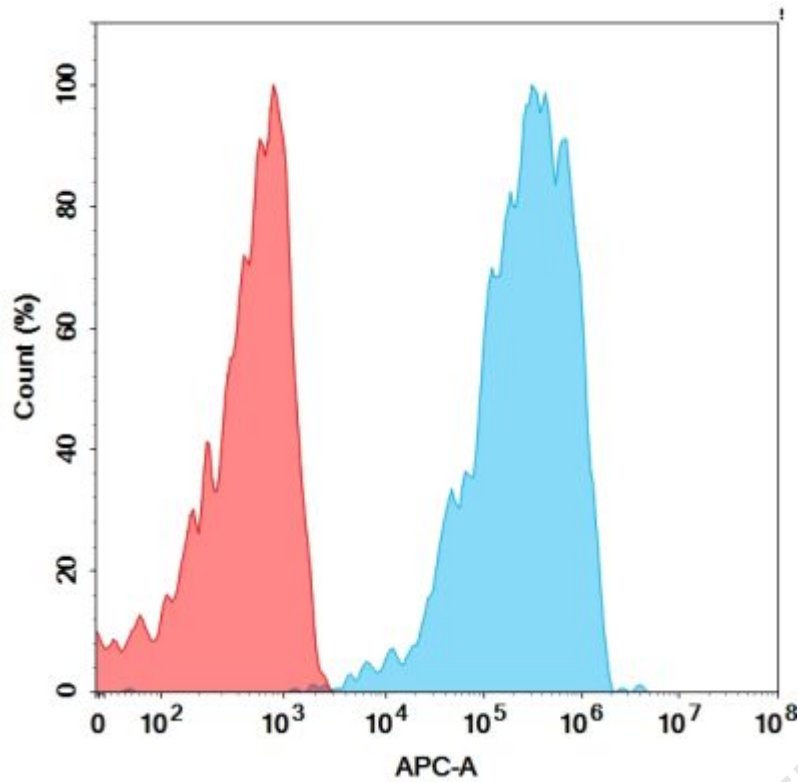


Figure 1. ELISA plate pre-coated by 1  $\mu$ g/ml (100  $\mu$ L/well) Human B7-H4, hFc-His tagged protein (PME100053) can bind Anti-B7-H4 Neutralizing antibody (BME100078) in a linear range of 3.2-80 ng/ml. In order to specifically detect BME100078, mouse anti-human Fab-specific antibody was used as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





**Figure 2.** Flow cytometry analysis with 1  $\mu$ g/mL Anti-B7-H4 (alsevalimab) mAb (BME100078) on HEK293 cells transfected with Human B7-H4 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

DIMABIO CONFIDENTIAL

