DIMA BIOTECH

PRODUCT INFORMATION

Common Name	FPA-150, FPA150
Synonyms	B7-H4;B7h.5;B7H4;B7S1;B7X;PRO1291;VCTN1
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	B7H4
Uniprot ID	Q7Z7D3
Description	Anti-B7-H4(alsevalimab 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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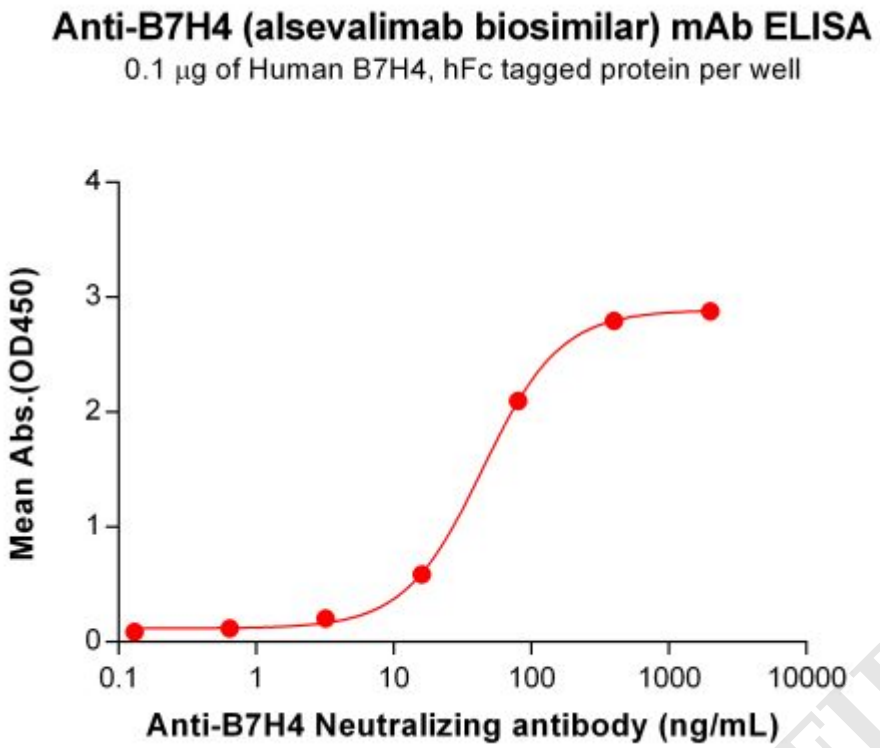

Figure 1. ELISA plate pre-coated by 1 μg/ml (100 μL/well) Human B7-H4, hFc-His tagged protein (PME100053) can bind Anti-B7-H4 Neutralizing antibody (BME100078) in a linear range of 3.2-80 ng/ml. In order to specifically detect BME100078, mouse anti-human Fab-specific antibody was used as detection antibody.

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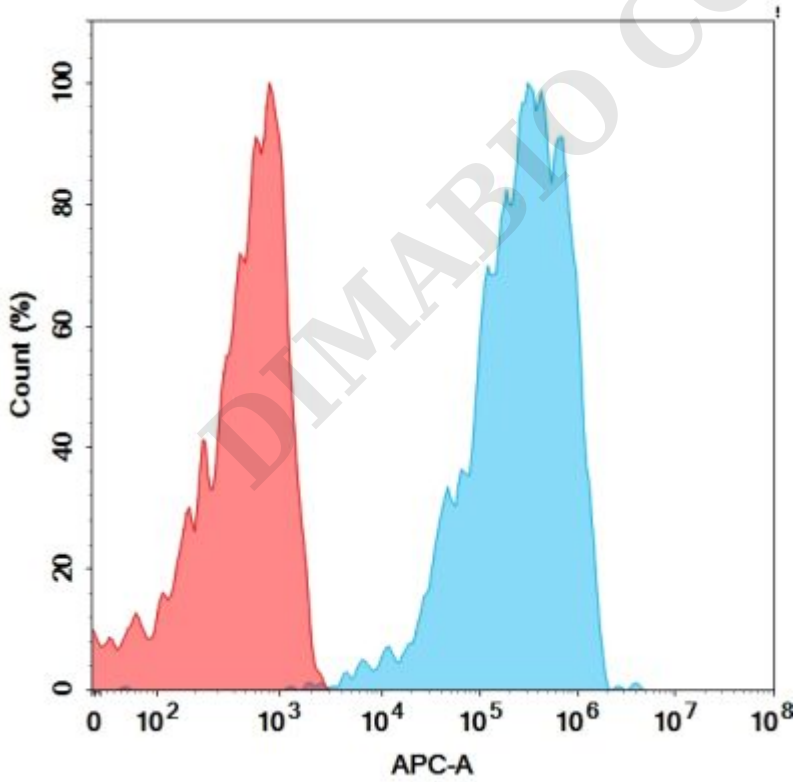

Figure 2. Flow cytometry analysis with 1 μg/mL Anti-B7-H4 (alsevalimab) mAb (BME100078) on Expi293 cells transfected with Human B7-H4 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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