

Product Datasheet

B7-H5 Biosimilar Antibody (orb1291214)

Catalog Number	orb1291214
Category	Antibodies
Description	Anti-B7-H5(onvatilimab biosimilar) mAb
Target	B7-H5
Clonality	Monoclonal
Species/Host	Human
Isotype	Human IgG1 - kappa
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Powder
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.
Purification	Purified from cell culture supernatant by affinity chromatography
UniProt ID	Q9H7M9
Tested applications	ELISA, FC
Dilution range	ELISA 1:5000-10000; Flow Cyt 1:100
Antibody Type	Biosimilar Antibody

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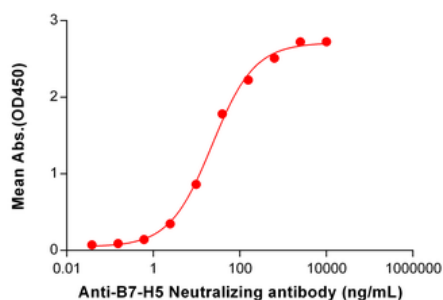
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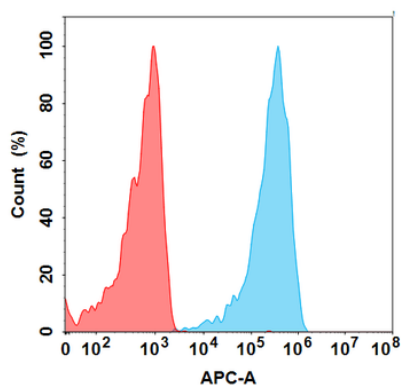
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.

Anti-B7-H5 (onvatilimab biosimilar) mAb ELISA
0.2 µg of Human B7-H5, hFc tagged protein per well



ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human B7-H5 Protein, hFc Tag (orb1173726) can bind Anti-B7-H5 Neutralizing antibody (orb1291214) in a linear range of 2.44-625.00 ng/ml. In order to specifically detect orb1291214, mouse anti-human Fab-specific antibody was used as detection antibody.



Flow cytometry analysis with 1 µg/mL Anti-B7-H5 (onvatilimab biosimilar) mAb (orb1291214) on Expi293 cells transfected with Human B7-H5 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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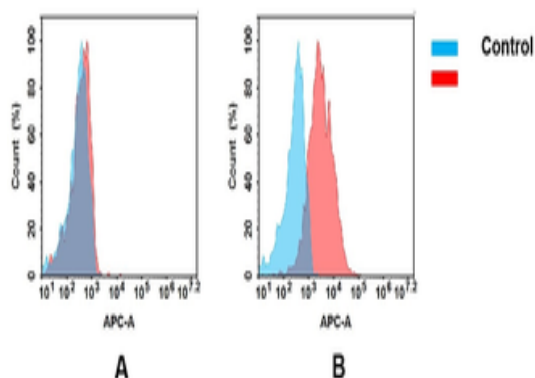
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Flow cytometry analysis of antigen binding of anti-human B7-H5 mAb (orb1291214). (A) orb1291214 does not bind to 293T cells that do not express B7-H5. (B) A clear peak shift of orb1291214 was seen compared to the control when incubated with B7-H5-expressing THP-1 cells, indicating strong binding of orb1291214 to B7-H5. Antibodies were incubated at 5 µg/mL.

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