

Product Datasheet

B7H4 Biosimilar Antibody (orb1173627)

Catalog Number	orb1173627
Category	Antibodies
Description	Anti-B7-H4(alsevalimab biosimilar) mAb
Target	B7H4
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	Q7Z7D3
Tested applications	ELISA, FC
Dilution range	ELISA 1:5000-10000; Flow Cyt 1:100
Antibody Type	Biosimilar Antibody

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

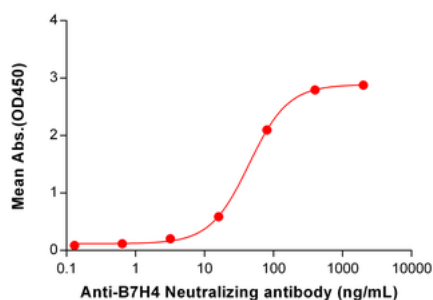
68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com

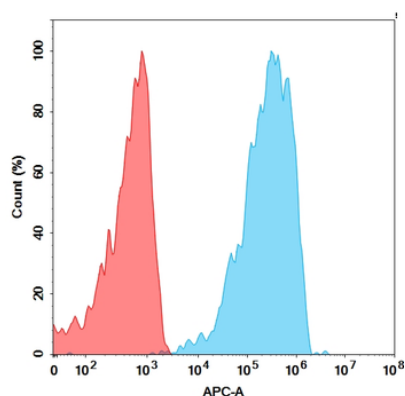
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

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-B7H4 (alsevalimab biosimilar) mAb ELISA
0.1 µg of Human B7H4, hFc tagged protein per well



ELISA plate pre-coated by 1 µg/ml (100 µL/well) Human B7-H4, hFc-His tagged protein (orb757460) can bind Anti-B7-H4 Neutralizing antibody (orb1173627) in a linear range of 3.2-80 ng/ml. In order to specifically detect orb1173627, mouse anti-human Fab-specific antibody was used as detection antibody.



Flow cytometry analysis with 1 µg/mL Anti-B7-H4 (alsevalimab) mAb (orb1173627) on Expi293 cells transfected with Human B7-H4 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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