

Product Datasheet

PTK7 Biosimilar Antibody (orb2321731)

Catalog Number	orb2321731
Category	Antibodies
Description	Anti-PTK7(cofetuzumab biosimilar) mAb
Target	PTK7
Clonality	Monoclonal
Species/Host	Human Humanized
Isotype	Human IgG1(E356D,M358L) - kappa
Conjugation	Unconjugated
Reactivity	Human
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	Q13308
Tested applications	ELISA, FC
Dilution range	ELISA 1:5000-10000, Flow Cyt 1:100
Antibody Type	Biosimilar Antibody
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.

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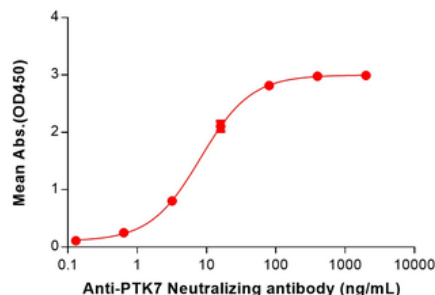
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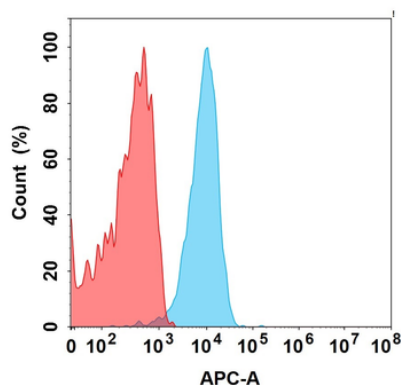
Note For research use only

Expiration Date 12 months from date of receipt.

Anti-PTK7(cofetuzumab biosimilar) mAb ELISA
0.2 µg of Human PTK7, hFc tagged protein per well



ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human PTK7 Protein, hFc Tag (orb1173940) can bind Anti-PTK7 (cofetuzumab biosimilar) mAb (orb2321731) in a linear range of 0.64–80 ng/ml. In order to specifically detect orb2321731, mouse anti-human Fab-specific antibody was used as detection antibody.



PTK7 protein is expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with 1 µg/mL Anti-PTK7 (cofetuzumab biosimilar) mAb (orb2321731) (Blue histogram) or isotype control mAb (Red histogram) on Expi293 cells.

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