

Product Datasheet

CD123 Biosimilar Antibody (orb689308)

Catalog Number	orb689308
Category	Antibodies
Description	Anti-CD123 (talacotuzumab biosimilar) mAb
Target	CD123
Clonality	Monoclonal
Species/Host	Human Humanized
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	P26951
Tested applications	ELISA, FC
Dilution range	ELISA 1:5000-10000; Flow Cyt 1:100
Antibody Type	Biosimilar Antibody

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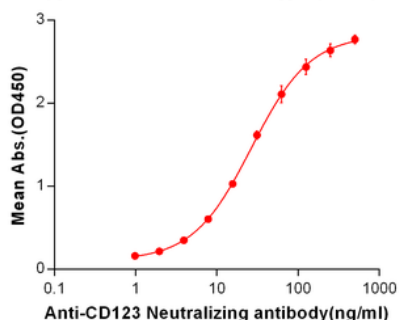
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Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

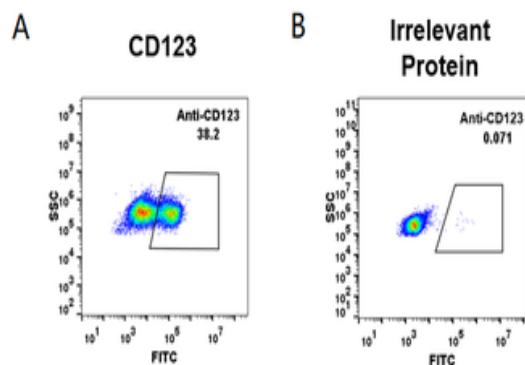
Note For research use only

Expiration Date 12 months from date of receipt.

Anti-CD123 (talacotuzumab biosimilar) mAb ELISA
0.2µg of Human CD123, hFc-his Tagged protein per well



ELISA plate pre-coated by 2 µg/ml (100 µL/well) Human CD123, hFc-His tagged protein (orb689364) can bind Anti-CD123 Neutralizing antibody in a linear range of 0.98-26.70 ng/ml. In order to specifically detect orb689308, mouse anti-human Fab-specific antibody was used as detection antibody.



HEK293 cell line transfected with irrelevant protein (B) and human CD123 (A) were surface stained with anti-CD123 neutralizing antibody 1 µg/ml (talacotuzumab) followed by Alexa 488-conjugated anti-human IgG secondary antibody.

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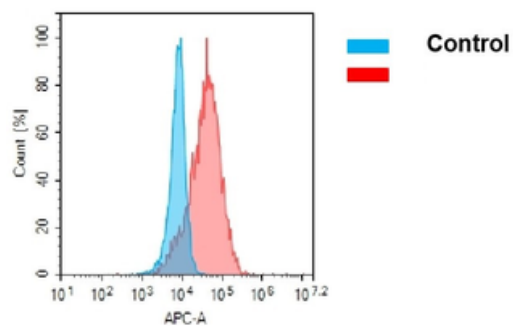
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**A**

Flow cytometry analysis of antigen binding of anti-human CD123 mAb (orb689308). (A) A clear peak shift of orb689308 was seen compared to the control when incubated with CD123-expressing 8226 cells, indicating strong binding of orb689308 to CD123. Antibodies were incubated at 2 µg/mL.

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