

Product Datasheet

IL1B Biosimilar Antibody (orb1291211)

Catalog Number	orb1291211
Category	Antibodies
Description	Anti-IL1B(canakinumab biosimilar) mAb
Target	IL1B
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	P01584
Tested applications	ELISA, FC
Dilution range	ELISA 1:5000-10000; Flow Cyt 1:100
Antibody Type	Biosimilar Antibody

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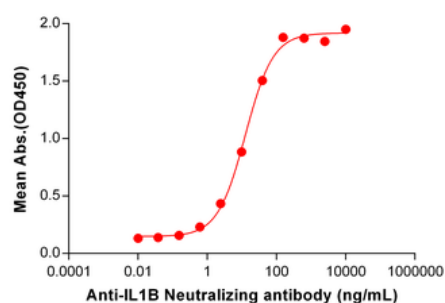
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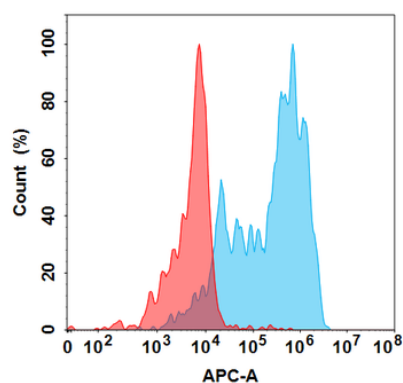
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.

Anti-IL1B (canakinumab biosimilar) mAb ELISA
0.1 µg of Human IL1B, hFc tagged protein per well



ELISA plate pre-coated by 1 µg/mL (100 µL/well) Human IL1B Protein, hFc Tag (orb1173751) can bind Anti-IL1B Neutralizing antibody (orb1291211) in a linear range of 0.61-156.25 ng/ml. In order to specifically detect orb1291211, mouse anti-human Fab-specific antibody was used as detection antibody.



Flow cytometry analysis under cell membrane permeable condition with 1 µg/mL Anti-IL1B (canakinumab biosimilar) mAb (orb1291211) on Expi293 cells transfected with Human IL1B protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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