

## Product Datasheet

### B7-2 Antibody (orb757408)

<b>Catalog Number</b>	orb757408
<b>Category</b>	Antibodies
<b>Description</b>	Anti-B7-2 antibody(BFO08), Rabbit mAb
<b>Target</b>	B7-2
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Liquid
<b>Reconstitution</b>	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.
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>UniProt ID</b>	<b>P42081</b>
<b>Tested applications</b>	ELISA, FC
<b>Dilution range</b>	ELISA 1/5000-10000 Flow Cyt 1/100
<b>Antibody Type</b>	Recombinant Antibody
<b>Clone Number</b>	BFO08

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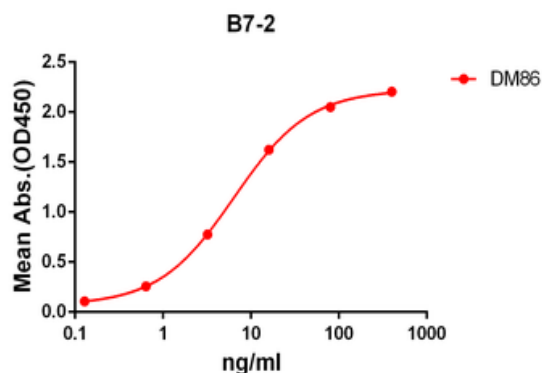
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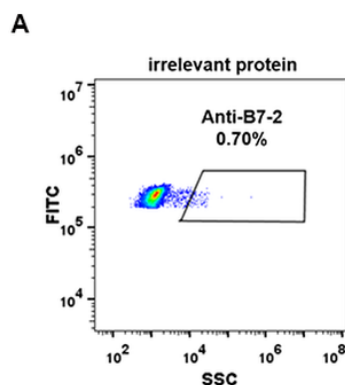
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<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



ELISA plate pre-coated by 2 µg/ml (100 µL/well) Human B7-2 protein, mFc-His tagged protein orb689395 can bind Rabbit anti-B7-2 monoclonal antibody (clone: DM86) in a linear range of 1-100 ng/ml.



Expi 293 cell line transfected with irrelevant protein (A) and human B7-2 (B) were surface stained with Rabbit anti-B7-2 monoclonal antibody 1 µg/ml (clone: DM86) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

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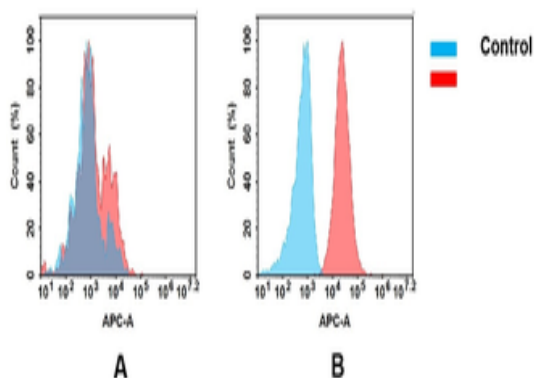
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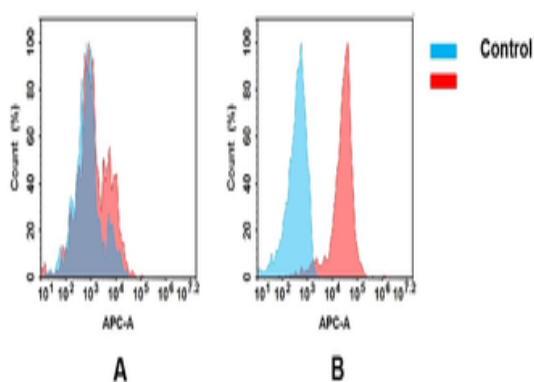
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Flow cytometry analysis of antigen binding of rabbit anti-human B7-2 mAb (orb757408). (A) orb757408 does not bind to 293T cells that do not express B7-2. (B) A clear peak shift of orb757408 was seen compared to the control when incubated with B7-2-expressing Daudi cells, indicating strong binding of orb757408 to B7-2. Antibodies were incubated at 5 µg/mL



Flow cytometry analysis of antigen binding of rabbit anti-human B7-2 mAb (orb757408). (A) orb757408 does not bind to 293T cells that do not express B7-2. (B) A clear peak shift of orb757408 was seen compared to the control when incubated with B7-2-expressing Raji cells, indicating strong binding of orb757408 to B7-2. Antibodies were incubated at 5 µg/mL.

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