

Product Datasheet

Anti-B7-H3 [MJ18] (orb613951)

Catalog Number	orb613951
Description	Rat monoclonal antibody to B7-H3
Species/Host	Rat
Reactivity	Mouse
Conjugation	Unconjugated
Tested Applications	Blocking, FC
Immunogen	This antibody was generated by immunizing Sprague Dawley rats with B7-H3-Ig, consisting of the extracellular domain (aa1–242 of mouse B7-H3) linked to the Fc portion of mouse IgG2a, emulsified in CFA (Difco). The antibody was selected by its reactivity to mouse B7-H3-transfected cells, but not to parental cells by flow cytometry.
Target	B7-H3
Preservatives	PBS with 0.02% Proclin 300.
Concentration	1 mg/ml
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
Isotype	IgG1
Clonality	Monoclonal
Clone Number	MJ18
Purity	Purified

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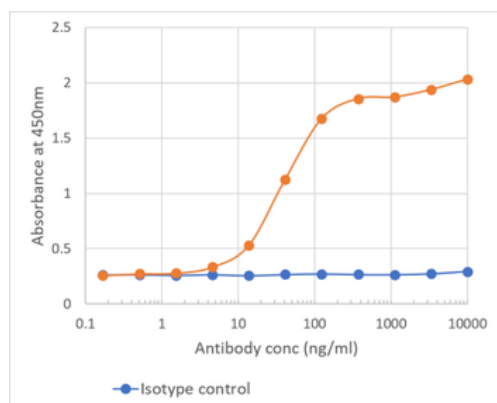
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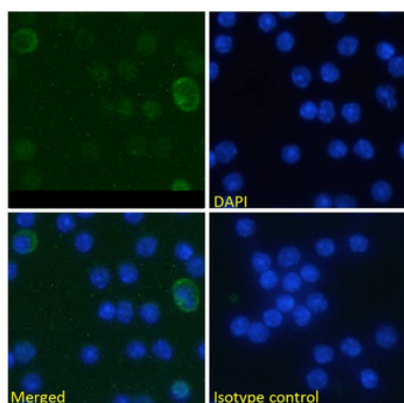
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Expiration Date

12 months from date of receipt.



Binding curve of anti-B7-H3 antibody MJ18 (orb613950) to mouse B7-H3-Fc fusion protein ELISA Plate coated with mouse B7-H3-Fc fusion protein at a concentration of 5 µg/ml. A 3-fold serial dilution from 10000 to 0.1 ng/ml was performed using orb613950. For detection, a 1:4000 dilution of HRP-labelled goat anti-rabbit antibody was used.



Immunofluorescence staining of fixed mouse splenocytes with anti-B7-H3 (CD276) antibody MJ18. Immunofluorescence analysis of paraformaldehyde fixed mouse (*Mus musculus*) splenocytes on Shi-fix™ coverslips, permeabilized with 0.15% Triton stained with the chimeric rabbit version of MJ18 (orb613950) at 10 µg/ml for 1h followed by Alexa Fluor® 488 secondary antibody (1 µg/ml), showing weak membrane staining of a subset of cells. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom orb613950, DAPI, merged channels and an isotype control. The isotype control was stained with an anti-Fluorescein antibody followed by Alexa Fluor® 488 secondary antibody

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