

Product Datasheet

B7-H3/CD276 Antibody (MJ18) - Chimeric - Azide and BSA Free **NBP2-75195**

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-75195

Updated 10/23/2024 v.20.1

Earn rewards for product reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-75195



NBP2-75195

B7-H3/CD276 Antibody (MJ18) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	MJ18
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

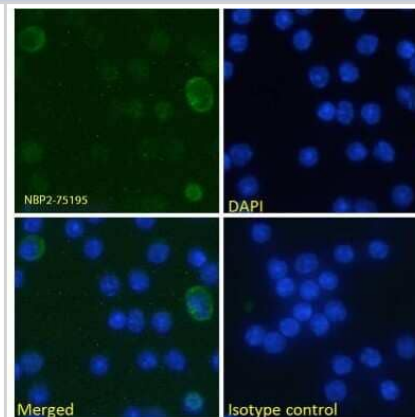
Product Description	
Host	Rabbit
Gene ID	80381
Gene Symbol	CD276
Species	Mouse
Specificity/Sensitivity	This antibody binds to mouse B7-H3 and does not react with other B7-family molecules.
Immunogen	This antibody was generated by immunizing Sprague Dawley rats with B7-H3-Ig, consisting of the extracellular 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.

Product Application Details	
Applications	ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Recommended Dilutions	Flow Cytometry 1:100 - 1:1000, ELISA, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG1 format, for improved compatibility with existing reagents, assays and techniques.

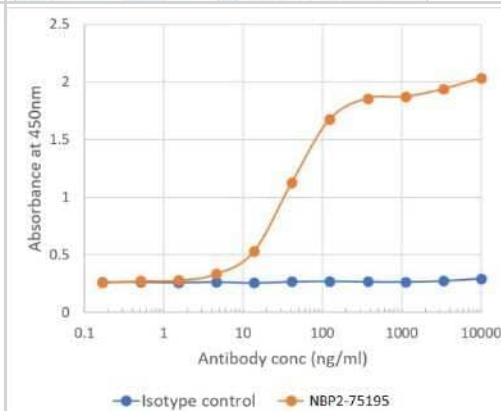


Images

Flow Cytometry: B7-H3/CD276 Antibody (MJ18) - Chimeric [NBP2-75195] - Immunofluorescence staining of fixed mouse splenocytes with anti-B7-H3 (CD276) antibody MJ18. Immunofluorescence analysis of paraformaldehyde fixed mouse (*Mus musculus*) splenocytes on coverslips, permeabilized with 0.15% Triton stained with the chimeric rabbit version of MJ18 (NBP2-75195) at 10 ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (1 ug/ml), showing weak membrane staining of a subset of cells. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP2-75195, DAPI, merged channels and an isotype control. The isotype control was stained with an anti-Fluorescein antibody followed by Alexa Fluor 488 secondary antibody



ELISA: B7-H3/CD276 Antibody (MJ18) - Chimeric [NBP2-75195] - Binding curve of anti-B7-H3 antibody MJ18 (NBP2-75195) to mouse B7-H3-Fc fusion protein ELISA Plate coated with mouse B7-H3-Fc fusion protein at a concentration of 5 ug/ml. A 3-fold serial dilution from 10,000 to 0.1 ng/ml was performed using NBP2-75195. For detection, a 1:4000 dilution of HRP-labelled goat anti-rabbit antibody (Bio-Rad) was used.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-75195

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-59914-50ug	Recombinant Human B7-H3/CD276 His Protein
210-TA-005	TNF-alpha [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-75195

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

