

Product Datasheet

TIM-3 Antibody (2C12) - Chimeric - Azide and BSA Free NBP3-11989-0.2mg

Unit Size: 0.2 mg

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

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NBP3-11989-0.2mg

TIM-3 Antibody (2C12) - 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	2C12
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

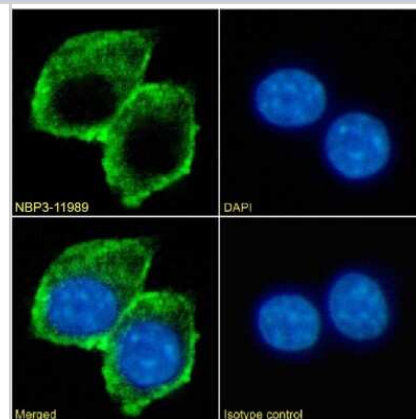
Product Description	
Host	Rabbit
Gene ID	84868
Gene Symbol	HAVCR2
Species	Mouse
Specificity/Sensitivity	This antibody is specific for murine TIM-3, a Th1-specific cell surface protein. TIM-3 is a type I transmembrane protein and contains an immunoglobulin and a mucin-like domain in its extracellular portion and a tyrosine phosphorylation motif in its cytoplasmic portion. This antibody binds to the BALB/c allele of TIM-3 while reactivity to the C57Bl/6 allele is significantly weaker.
Immunogen	This antibody was raised by immunising rats with TIM-3:Ig fusion protein emulsified in complete Freund's adjuvant.

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Block/Neutralize
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, 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.

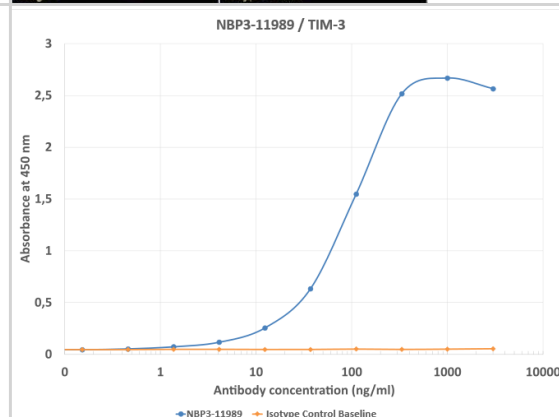


Images

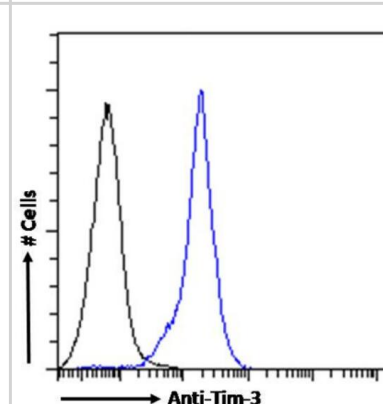
Immunocytochemistry/Immunofluorescence: TIM-3 Antibody (2C12) - Chimeric [NBP3-11989] - Immunofluorescence analysis of paraformaldehyde fixed RAW264.7 cells on Shi-fix(TM) coverslips stained with the chimeric rabbit IgG version of 2C12 (NBP3-11989) at 10 ug/ml for 1h followed by Alexa Fluor(R) 488 secondary antibody (2 ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-11989, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor(R) 488 secondary antibody.



ELISA: TIM-3 Antibody (2C12) - Chimeric - Azide and BSA Free [NBP3-11989] - Binding curves of NBP3-11989 (blue line) and isotype control (NBP2-52638; red line) to an ELISA plate coated with mouse TIM-3-Fc fusion protein at a concentration of 5 ug/ml. A 3-fold serial dilution from 3000 to 0.0169 ng/ml was performed using NBP3-11989. For signal detection, anti-rabbit IgG1 HRP antibody was used.



Flow Cytometry: TIM-3 Antibody (2C12) - Chimeric - Azide and BSA Free [NBP3-11989] - Paraformaldehyde fixed mouse splenocytes permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody (isotype control, black line) or NBP3-11989 (blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.





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 NBP3-11989-0.2mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP3-07123-50ug	Recombinant Mouse TIM-3 hIgG-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.

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