

# 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

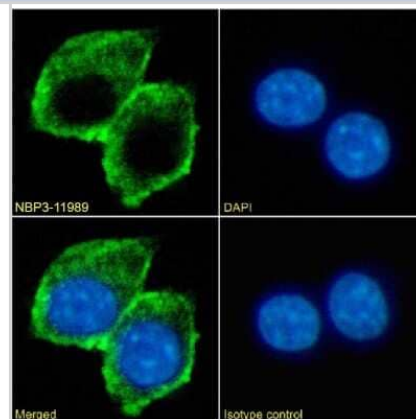
Product Description	
Description	Novus Biologicals Rabbit TIM-3 Antibody (2C12) - Chimeric - Azide and BSA Free (NBP3-11989) is a recombinant monoclonal antibody validated for use in IHC, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	84868
Gene 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.

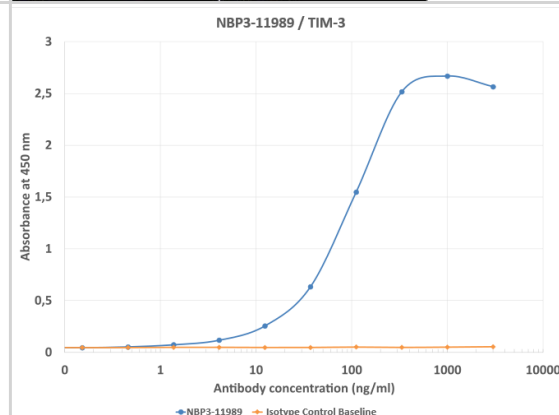


## Images

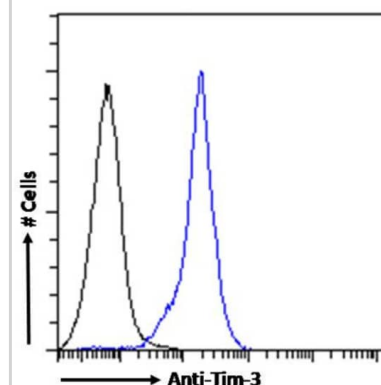
**Immunocytochemistry/Immunofluorescence: TIM-3 Antibody (2C12) - Chimeric [NBP3-11989] - Immunofluorescence analysis of paraformaldehyde fixed RAW264.7 cells on Shi-fix(TM) coverslips stained with the chimeric rabbit IgG version of 2C12 (NBP3-11989) at 10 ug/ml for 1h followed by Alexa Fluor(R) 488 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.**





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### **Products Related to NBP3-11989-0.2mg**

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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]

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### **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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