

# Product Datasheet

## TIM-4 Antibody (3A1) - Chimeric - Azide and BSA Free NBP3-11990-0.2mg

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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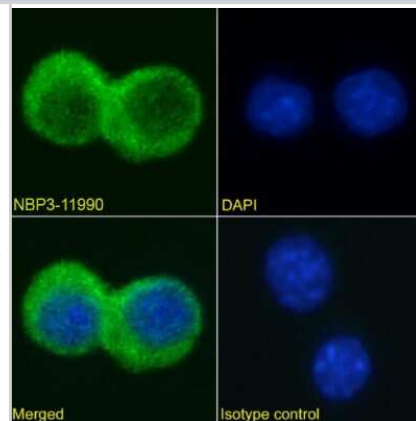
**NBP3-11990-0.2mg**

TIM-4 Antibody (3A1) - 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	3A1
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Rabbit TIM-4 Antibody (3A1) - Chimeric - Azide and BSA Free (NBP3-11990) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	91937
Gene Symbol	TIMD4
Species	Mouse
Specificity/Sensitivity	This antibody is specific for murine TIM-4, which unlike other TIM family members, is not expressed on T lymphocytes but rather found on antigen presenting cells such as lymphoid and myeloid DC's and macrophages. TIM-4 has been shown to interact with TIM-1 thereby suggesting a role of TIM-4 in the balance of Th1/Th2 regulation. Additionally TIM-4 has been shown to be a receptor for phosphatidylserine and may play a role in engulfment of apoptotic cells.
Immunogen	This antibody was raised by immunising female Lewis rats (Harlan Sprague-Dawley) with TIM-4:Ig fusion protein in complete Freund's adjuvant.
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Block/Neutralize
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, 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-4 Antibody (3A1) - Chimeric [NBP3-11990] - Immunofluorescence analysis of paraformaldehyde fixed RAW 264.7 cells stained with the chimeric rabbit IgG version of 3A1 (NBP3-11990) at 10 ug/ml followed by Alexa Fluor(R) 488 secondary antibody (2 ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-11990, DAPI, merged channels and an isotype control. The isotype control was stained with anti-Fluorescein antibody (NBP2-52638) followed by Alexa Fluor(R) 488 secondary antibody.





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### **Products Related to NBP3-11990-0.2mg**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP1-87569PEP	TIM-4 Recombinant Protein Antigen

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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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