

# Product Datasheet

## TIM-2 Antibody (RMT2-14) - Azide and BSA Free NBP3-09036-0.2mg

Unit Size: 0.2 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-09036-0.2mg**

TIM-2 Antibody (RMT2-14) - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RMT2-14
Preservative	0.02% Proclin 300
Isotype	IgG2a Lambda
Purity	Protein A purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Rat TIM-2 Antibody (RMT2-14) - Azide and BSA Free (NBP3-09036) is a recombinant monoclonal antibody validated for use in IHC, WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rat
Gene ID	171284
Species	Mouse
Immunogen	This antibody was raised by immunising Sprague Dawley rats with TIM-2-Ig consisting of the extracellular domain (aa 1-230 of mouse TIM-2) and the Fc portion of mouse IgG2a, emulsified in complete Freund's adjuvant and then fusing lymph node cells from the immunized rats with P3U1 myeloma cells.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Block/Neutralize, Functional Assay
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Block/Neutralize, Functional Assay
Application Notes	This antibody has been used in various FACS analyses, for instance, to evaluate the expression of TIM family members on mouse mast cells (Nakae et al, 2007) and to block the H-ferritin binding to TIM-2/L5178Y cells (Kawamoto et al, 2011). This antibody has been used in FACS and immunohistochemistry analyses to show that TIM-2 is expressed on mouse fetal hepatocytes (Watanabe et al, 2007). This antibody has also been used in Western Blots and for blocking experiments in ferritin binding analysis, which suggests that Tim-2 is the H-ferritin receptor on oligodendrocytes (Todorich et al, 2008). In addition, this antibody has been used in collagen-induced arthritis (CIA) models to determine whether TIM-2 contributes to the development of T helper (Th) 1 or Th17 cells and joint inflammation (Kawamoto et al, 2011).



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### **Products Related to NBP3-09036-0.2mg**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NB7115	Goat anti-Rat IgG (H+L) Secondary Antibody [HRP]
NBP2-31382	Rat IgG2a Lambda Isotype Control (RG2aL)

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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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