

# Product Datasheet

## TIM-4 Antibody (5G3) [PE] NBP2-81122PE

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-81122PE**

TIM-4 Antibody (5G3) [PE]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	5G3
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Conjugate</b>	PE
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Rat
<b>Gene ID</b>	91937
<b>Gene Symbol</b>	TIMD4
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	This antibody was raised by immunising female Lewis rats (Harlan Sprague-Dawley) with Tim-4:Ig fusion protein in complete Freund's adjuvant.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Block/Neutralize
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Block/Neutralize
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

## Images

Product Image: TIM-4 Antibody (5G3) [PE] [NBP2-81122PE] - Vial of PE conjugated antibody. PE has two excitation maxima, 498 nm excited by the Blue laser (488 nm) and 565 nm excited by the Yellow-Green laser (561 nm). Both result in emission at 578 nm.



PE

LASER (nm)	FILTER
Blue (488)	582/15
Y-G (561)	

EXCITATION MAX (nm)	EMISSION MAX (nm)
498	578
565	



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### **Products Related to NBP2-81122PE**

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NBP1-51817PE	Rat IgG1 Kappa Light Chain Isotype Control (KLH/G1-2-2) [PE]
NBP1-87569PEP	TIM-4 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
2826-TI-050	TIM-4 [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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