

Datasheet: AHP1188

Description:	RABBIT ANTI TIM-4 (C-TERMINAL)
Specificity:	TIM-4 (C-TERMINAL)
Other names:	T-CELL IMMUNOGLOBULIN MUCIN-4
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			1.0 - 2.0ug/ml

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Target Species

Human

Species Cross Reactivity

Reacts with: Rat, Mouse

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Antiserum Preparation

Antisera to human TIM-4 were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers	0.02% Sodium Azide
Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	15 amino acid peptide sequence near the carboxy terminus of human TIM-4.
External Database Links	<p>UniProt: Q96H15 Related reagents</p> <p>Entrez Gene: 91937 TIMD4 Related reagents</p>
Synonyms	TIM4
RRID	AB_2201850
Specificity	Rabbit anti Human TIM-4 antibody recognizes the C-terminal (CT) region of T-cell immunoglobulin mucin-4 (TIM-4), also known as SMUCKLER. TIM-4 is a ~ 42 kDa type I membrane protein which is preferentially expressed on macrophages and dendritic cells. TIM-4 is the ligand of TIM-1, and binding leads to T-cell proliferation and cytokine production. Polymorphisms in the TIM-4 gene may be associated with a predisposition to asthma.
Western Blotting	AHP1188 detects a band of approximately 54kDa in Jurkat cell lysate.
Further Reading	<ol style="list-style-type: none"> 1. Meyers, J.H. <i>et al.</i> (2005) TIM-4 is the ligand for TIM-1, and the TIM-1-TIM-4 interaction regulates T cell proliferation. Nat Immunol. 6 (5): 455-64. 2. Meyers, J.H. <i>et al.</i> (2005) The TIM gene family regulates autoimmune and allergic diseases. Trends Mol Med. 11 (8): 362-9.
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M381703:210512'

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