

Datasheet for ABIN6990639
anti-TIMD4 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	TIMD4
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIMD4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	TIM-4 antibody was raised against a 15 amino acid synthetic peptide from near the carboxy terminus of human TIM-4. The immunogen is located within the last 50 amino acids of TIM-4.
Isotype:	IgG
Purification:	TIM-4 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TIMD4
Alternative Name:	TIM-4 (TIMD4 Products)
Background:	TIM-4 Antibody: The T cell immunoglobulin and mucin domain containing protein (TIM) family encodes cell surface receptors that are involved in the regulation of T helper (Th) -1 and -2 cell-mediated immunity. TIM-4, which is preferentially expressed on macrophages and dendritic

Target Details

cells, is the natural ligand of TIM-1, and this binding leads to T-cell expansion and cytokine production. Unlike other members of the TIM family, TIM-4 lacks a putative tyrosine phosphorylation signal sequence in its intracellular domain. The TIM-4 gene maps to a locus associated with predisposition to asthma in both mice and humans and with its connection to TIM-1-triggered Th2 responsiveness, may be considered as a candidate disease/predisposition gene for asthma.

Gene ID: 91937

NCBI Accession: [NP_612388](#)

UniProt: [Q96H15](#)

Pathways: [Cancer Immune Checkpoints](#)

Application Details

Application Notes: TIM-4 antibody can be used for the detection of TIM-4 by Western blot at 1 - 2 µg/mL.

Antibody validated: Western Blot in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: TIM-4 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: TIM-4 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.