

Rabbit anti-Human, Mouse TIM-4 Polyclonal Antibody | anti-TIM-4 antibody

TIM-4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307816	Rabbit	Human, Mouse	Immunocytochemistry, Western Blot, ELISA

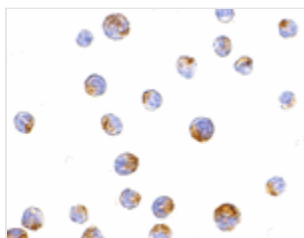
PRODUCT SYNONYMS

TIM-4; Polyclonal Antibody; TIM-4 Antibody; T cell immunoglobulin and mucin domain containing protein 4; T cell membrane protein 4; SMUCKLER; anti-TIM-4 antibody

PRODUCT SPECIFICATIONS

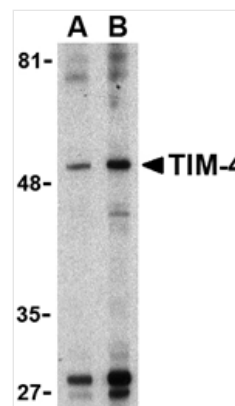
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	378
Applicable Applications for anti-TIM-4 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide from near the center of human TIM-4.
Target Name	TIM-4
Preparation and Storage	Can be stored at -20 degree C, stable for 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.

IMAGES



ICC (Immunocytochemistry)

Immunocytochemistry of TIM-4 in Jurkat cells with TIM-4 antibody at 10 ug/mL.



WB (Western Blot)

Western blot analysis of TIM-4 in Jurkat lysate with TIM-4 antibody at (A) 1 and (B) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-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 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.
Product Categories/Family for anti-TIM-4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	226529863
NCBI GeneID	91937
NCBI Accession #	NP_612388
NCBI GenBank Nucleotide #	NM_138379.2
Molecular Weight	38,536 Da
NCBI Official Full Name	T-cell immunoglobulin and mucin domain-containing protein 4 isoform 1
NCBI Official Synonym Full Names	T-cell immunoglobulin and mucin domain containing 4
NCBI Official Symbol	TIMD4
NCBI Official Synonym Symbols	TIM4; SMUCKLER
NCBI Protein Information	T-cell immunoglobulin and mucin domain-containing protein 4
UniProt Protein Name	T-cell immunoglobulin and mucin domain-containing protein 4
UniProt Gene Name	TIMD4
UniProt Synonym Gene Names	TIM4; TIMD-4; TIM-4
UniProt Entry Name	TIMD4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tim-4-antibody-immunocytochemistry-western-blot-elisa/307816>