

Rabbit TIM 4 Polyclonal Antibody | anti-TIMD4 antibody

TIM 4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31256	Rabbit	Human, Mouse, Rat	ELISA

PRODUCT SYNONYMS

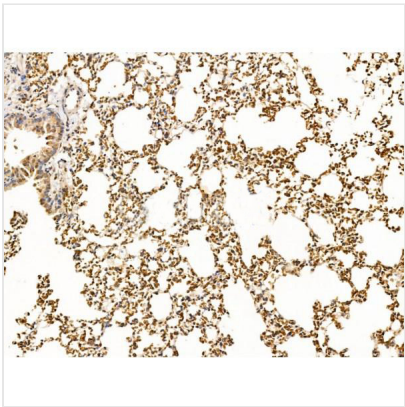
TIM 4; Polyclonal Antibody; TIM 4 Antibody; SMUCKLER; Spleen; mucin-containing; knockout of lymphotoxin protein; T cell immunoglobulin and mucin domain containing protein 4; T-cell immunoglobulin and mucin domain containing 4; T-cell immunoglobulin and mucin domain containing molecule; T-cell immunoglobulin and mucin domain-containing protein 4; T-cell immunoglobulin and mucin domains-containing protein 4; T-cell membrane protein 4; TIM-4; Tim4; TIMD 4; TIMD-4; Timd4; TIMD4_HUMAN; anti-TIMD4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TIM 4 Antibody detects endogenous levels of total TIM 4.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	378
Applicable Applications for anti-TIMD4 antibody	ELISA
Application Notes	WB: 1:500-1:2000 IF: 1:100-1:500 ICC: 1:100-1:500 IHC: 1:50-1:200 ELISA(peptide): 1:20,000-1:40,000
Immunogen	A synthesized peptide derived from human TIM 4, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



IHC (Immunohistochemistry-Paraffin)
AAA31256 at 1/100 staining Mouse heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



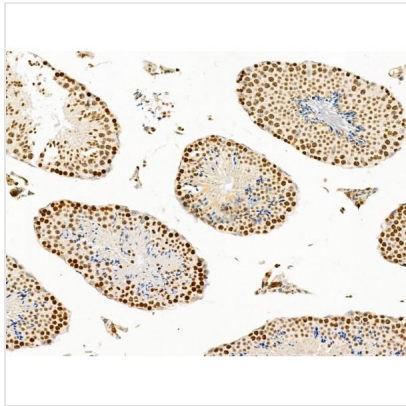
IHC (Immunohistochemistry-Paraffin)
AAA31256 at 1/100 staining Mouse lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)
AAA31256 at 1/100 staining Mouse brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)
AAA31256 at 1/100 staining Mouse colorectal tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)
AAA31256 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)
AAA31256 at 1/100 staining Mouse muscle tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TIMD4 antibody	Function: Phosphatidylserine receptor that enhances the engulfment of apoptotic cells. Involved in regulating T-cell proliferation and lymphotoxin signaling. Ligand for HAVCR1/TIMD1 (By similarity). Subcellular Location: Membrane>Single-pass type I membrane protein. Similarity: Recognizes phosphatidyl serine via its immunoglobulin domain.Belongs to the immunoglobulin superfamily. TIM family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226529863
NCBI GeneID	91937
NCBI Accession #	NP_612388
NCBI GenBank Nucleotide #	NP_612388.2
UniProt Accession #	Q96H15
Molecular Weight	Observed Molecular Weight: (Observed)41kD. Predicted Molecular Weight: (Calculated)42kDa.
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-elisa/31256>