

Rabbit anti-Human TIM3 Polyclonal Antibody | anti-HAVCR2 antibody

TIM3 Antibody

CATALOG # AAA40866	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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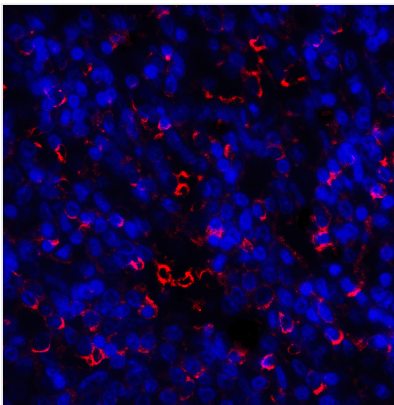
PRODUCT SYNONYMS

TIM3; Polyclonal Antibody; TIM3 Antibody; Hepatitis A virus cellular receptor; HAVCR2; TIM-3; CD366; KIM-3; TIMD3; TIMD-3; hepatitis A virus cellular receptor 2; anti-HAVCR2 antibody

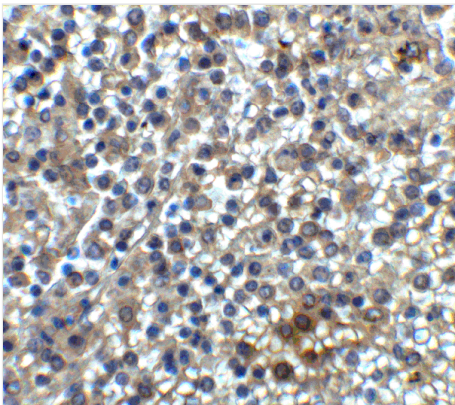
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	At least two antibodies are known to exist; this antibody will detect both isoforms.
Purity/Purification	Affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	142
Applicable Applications for anti-HAVCR2 antibody	WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TIM3 antibody was raised against a peptide corresponding to 16 amino acids near the amino terminus of human TIM3. The immunogen is located within amino acids 60 - 110 of TIM3.
Buffer	TIM3 Antibody is supplied in PBS containing 0.02% sodium azide.
Species	Human
Preparation and Storage	Store at 4 degree C for three months and -20 degree 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.

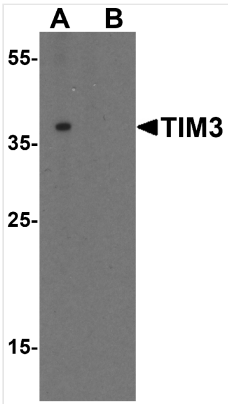
IMAGES



IF (Immunofluorescence)
Immunofluorescence of TIM-3 in human spleen tissue with TIM-3 antibody at 20 μg/ml.Red: TIM-3 Antibody (8659)Blue: DAPI staining



IHC (Immunohiostchemistry)
Immunohistochemistry of TIM-3 in human spleen tissue with TIM-3 antibody at 2 μg/ml.



WB (Western Blot)
Western blot analysis of TIM-3 in Jurkat cell lysate with TIM-3 antibody at 1 μg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-HAVCR2 antibody	The immune checkpoint protein TIM3 is a member of the immunoglobulin superfamily and TIM family of proteins that was initially identified as a specific marker of fully differentiated IFN-? producing CD4 T helper 1 (Th1) and CD8 cytotoxic cells. It is a Th1-specific cell surface protein that regulates macrophage activation and negatively regulates Th1-mediated auto- and alloimmune responses, and is also highly expressed on regulatory T cells, monocytes, macrophages, and dendritic cells (1). TIM3 and PD-1 are co-expressed on most CD4 and CD8 T cells infiltrating solid tumors or in hematologic malignancy in mice; blocking TIM3 in conjugation with a PD-1 blockade increases the functionality of exhausted T cells and synergizes with to inhibit tumor growth (2,3).
Product Categories/Family for anti-HAVCR2 antibody	Cell Cycle; Cancer; Immunology; Immune Checkpoint
References	1. Monney L, Sabatos CA, Gaglia JL, et al. Th1-specific cell surface protein Tim-3 regulates macrophage activation and severity of autoimmune disease. Nature 2002; 415:536-41. 2. Sakuishi K, Apetoh L, Sullivan JM, et al. Targeting Tim-3 and PD-1 pathways to reverse T cell exhaustion and restore anti-tumor immunity. J Exp Med 2010; 207:2187-94. 3. Zhou Q, Munger ME, Veenstra RG, et al. Coexpression of Tim-3 and PD-1 identifies a CD8+ T-cell exhaustion phenotype in mice with disseminated acute myelogenous leukemia. Blood 2011; 117:4501-10.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4957453
NCBI GeneID	84868
UniProt Accession #	Q8TDQ0; Q8WW60; Q96K94; B2RAY2

Molecular Weight	Predicted: 33 kDa Observed: 37 kDa
NCBI Official Full Name	Drosophila melanogaster genome survey sequence T7 end of BAC: BACR18K08 of RPCI-98 library from Drosophila melanogaster (fruit fly), genomic survey sequence
NCBI Official Synonym Full Names	hepatitis A virus cellular receptor 2
NCBI Official Symbol	HAVCR2
NCBI Official Synonym Symbols	TIM3; CD366; KIM-3; TIMD3; Tim-3; TIMD-3; HAVcr-2
NCBI Protein Information	hepatitis A virus cellular receptor 2
UniProt Protein Name	Hepatitis A virus cellular receptor 2
UniProt Gene Name	HAVCR2
UniProt Synonym Gene Names	TIM3; TIMD3; HAVcr-2; TIMD-3; TIM-3

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/tim3-antibody-western-blot-elisa/40866>