

Datasheet for ABIN6992198
anti-TIM3 antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	TIM3 (TIM 3)
Binding Specificity:	AA 60-110, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIM3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	TIM-3 antibody was raised against a peptide corresponding to 16 amino acids near the amino terminus of human TIM-3. The immunogen is located within amino acids 60 - 110 of TIM-3.
Isotype:	IgG
Specificity:	At least two antibodies are known to exist, this antibody will detect both isoforms.
Purification:	TIM-3 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TIM3 (TIM 3)
Alternative Name:	TIM-3 (TIM 3 Products)

Target Details

Target Type:	Virus
Background:	The immune checkpoint protein TIM-3 is a member of the immunoglobulin superfamily and TIM family of proteins that was initially identified as a specific marker of fully differentiated IFN-γ 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). TIM-3 and PD-1 are co-expressed on most CD4 and CD8 T cells infiltrating solid tumors or in hematologic malignancy in mice, blocking TIM-3 in conjugation with a PD-1 blockade increases the functionality of exhausted T cells and synergizes with to inhibit tumor growth (2,3).
Molecular Weight:	Predicted: 33 kDa Observed: 37 kDa
Gene ID:	84868
NCBI Accession:	NP_116171
UniProt:	Q8TDQ0
Pathways:	Regulation of Lipid Metabolism by PPARalpha, Cancer Immune Checkpoints

Application Details

Application Notes:	TIM-3 antibody can be used for Western blot at 1 - 2 μg/mL. Antibody can also be used for Immunohistochemistry at 2 μg/mL. For Immunofluorescence start at 20 μg/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence 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-3 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide

Handling

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-3 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.