Datasheet for ABIN6992273

anti-TIM3 antibody (Extracellular Domain) (Biotin)

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Overview

Quantity:	0.1 mg
Target:	TIM3 (TIM 3)
Binding Specificity:	Extracellular Domain
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TIM3 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	TIM-3 antibody was raised against the extracellular domain of human TIM-3
Clone:	10C10
Isotype:	IgG1 kappa
Purification:	TIM-3 Antibody is supplied as protein A purified IgG1.

Target Details

Target:	TIM3 (TIM 3)
Alternative Name:	TIM3 (TIM 3 Products)
Target Type:	Virus
Background:	The immune checkpoint protein TIM3 is a member of the immunoglobulin superfamily and TIM

Target Details

	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).
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 ELISA starting at 0.1 µ,g/mL.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	TIM-3 Antibody is supplied in PBS containing 1 % BSA and 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-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.