

Datasheet for ABIN6992278

anti-TIM3 antibody (Extracellular Domain)[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	TIM3 (TIM 3)
Binding Specificity:	Extracellular Domain
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TIM3 antibody is un-conjugated
Application:	Flow Cytometry (FACS), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	TIM-3 antibody was raised against the extracellular domain of human TIM-3
Clone:	1C6
Isotype:	IgG2b kappa
Purification:	TIM-3 Antibody is supplied as protein A purified IgG2b.

Target Details

Target:	TIM3 (TIM 3)
Alternative Name:	TIM3 (TIM 3 Products)
Target Type:	Virus

Target Details

Background: 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- 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). 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. For Immunocytochemistry start at 1 μ g/mL. For Immunofluorescence start at 10 μ g/mL. For Immunohistochemistry start at 5 μ g/mL. For Flow Cytometry start 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 0.02 % sodium azide and 50 % glycerol.

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.