

For Research Use Only

TIM3 Recombinant antibody

Catalog Number: 82836-1-RR



Basic Information

Catalog Number: 82836-1-RR	GenBank Accession Number: BC020843	Purification Method: Protein A purification
Size: 700 µg/ml	GeneID (NCBI): 84868	CloneNo.: 5A8
Source: Rabbit	UNIPROT ID: Q8TDQ0	Recommended Dilutions: WB 1:1000-1:7000
Isotype: IgG	Full Name: hepatitis A virus cellular receptor 2	
Immunogen Catalog Number: AG2459	Calculated MW: 301 aa, 33 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : PC-3 cells, THP-1 cells, Daudi cells, RAW 264.7 cells
Species Specificity: Human, Mouse	

Background Information

TIM3, also known as HAVCR2, is a member of the recently discovered T cell Ig and mucin domain-containing molecule superfamily. TIM3 is a negative regulatory molecule that is important for T cell tolerance and has a crucial role in autoimmunity and T cell exhaustion during chronic viral infection (PMID: 23180819). TIM3 is expressed by T-helper type 1 (Th1) cells, macrophage, monocyte, dendritic cells, CD8+ T cell and other lymphocyte subsets. Galectin-9 is a ligand for TIM3. TIM3-galectin-9 pathway negatively regulates T helper type 1 immunity (PMID: 16286920). TIM3 is a 280-aa membrane protein with a calculated molecular weight of 33 kDa, the higher molecular weights between 50 and 70 kDa probably represent glycosylated TIM3 (PMID: 20107545; 17069754; 11725301).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

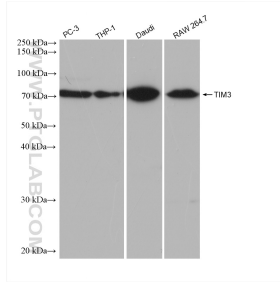
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82836-1-RR (TIM3 antibody) at dilution of 1:3500 incubated at room temperature for 1.5 hours.