

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: 100ul , Concentration: 700 µg/ml by Nanodrop;	GeneID (NCBI): 84868	CloneNo.: 5A8
Source: Rabbit	Full Name: hepatitis A virus cellular receptor 2	Recommended Dilutions: WB 1:1000-1:7000
Isotype: IgG	Calculated MW: 301 aa, 33 kDa	
Immunogen Catalog Number: AG2459	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

*** 20ul sizes contain 0.1% BSA

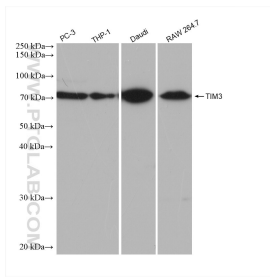
For technical support and original validation data for this product please contact:

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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.