

For Research Use Only

VAV1 Recombinant monoclonal antibody

Catalog Number:86933-2-RR



Basic Information

Catalog Number: 86933-2-RR	GenBank Accession Number: BC013361	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 7409	CloneNo.: 251870A5
Isotype: IgG	UNIPROT ID: P15498	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:250-1:1000
Immunogen Catalog Number: AG38665	Full Name: vav 1 guanine nucleotide exchange factor	
	Calculated MW: 845 aa, 98 kDa	
	Observed MW: 98 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : Jurkat cells, THP-1 cells, K-562 cells, Raji cells IF/ICC : Jurkat cells,

Background Information

Vav proteins mainly act as enzymes that catalyze the activation step of Rho subfamily GTPases during cell signaling. There are three family members: VAV1, VAV2 and VAV3. Vav1 is specifically expressed in the hematopoietic system, whereas Vav2 and Vav3 are more ubiquitously expressed (PMID:14607270). Vav1 is physiologically active as a GDP/GTP nucleotide exchange factor (GEF) in the hematopoietic system (PMID:31654719).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

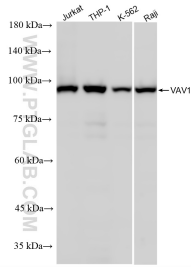
T: 4006900926

E: Proteintech-CN@ptglab.com

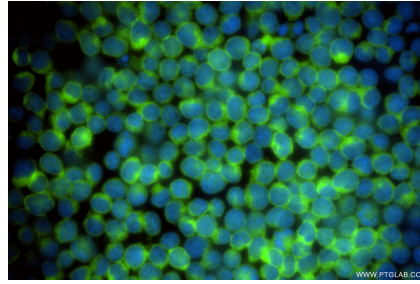
W: ptgcn.com

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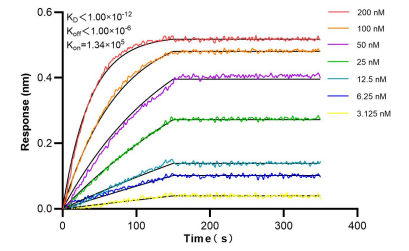
Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 86933-2-RR (VAV1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using VAV1 antibody (86933-2-RR, Clone: 251870A5) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Bi-layer interferometry (BLI) kinetic assays of 86933-2-RR against Human VAV1 were performed. The affinity constant is below 1 pM.