

For Research Use Only

CoraLite® Plus 647-conjugated VAV1 Recombinant monoclonal antibody

Catalog Number:CL647-86933-2



Basic Information

Catalog Number: CL647-86933-2	GenBank Accession Number: BC013361	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 7409	CloneNo.: 251870A5
Source: Rabbit	UNIPROT ID: P15498	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: vav 1 guanine nucleotide exchange factor	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Immunogen Catalog Number: AG38665	Calculated MW: 845 aa, 98 kDa	
	Observed MW: 98 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : Jurkat cells,
Species Specificity: human	

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).

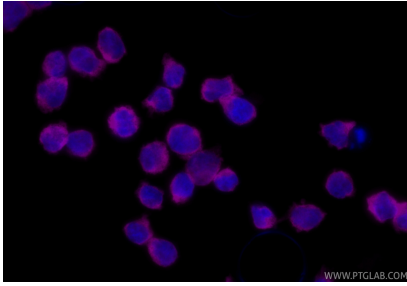
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using CoraLite® Plus 647 VAV1 antibody (CL647-86933-2, Clone: 251870A5) at dilution of 1:200.