

For Research Use Only

VAV1 Recombinant monoclonal antibody, PBS Only

Catalog Number:86933-2-PBS



Basic Information

Catalog Number:

86933-2-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG38665

GenBank Accession Number:

BC013361

GeneID (NCBI):

7409

UNIPROT ID:

P15498

Full Name:

vav 1 guanine nucleotide exchange factor

Calculated MW:

845 aa, 98 kDa

Observed MW:

98 kDa

Purification Method:

Protein A purification

CloneNo.:

251870A5

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

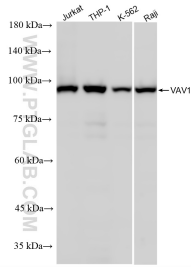
T: 4006900926

E: Proteintech-CN@ptglab.com

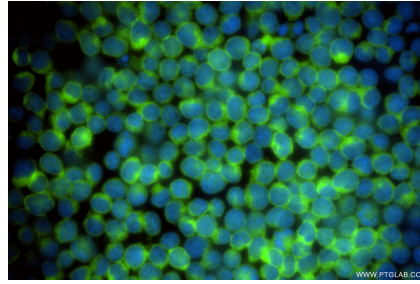
W: ptgcn.com

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

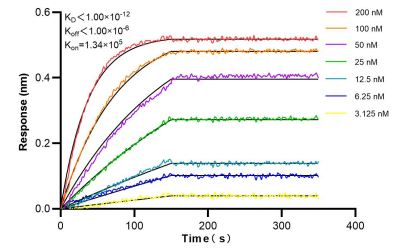
Selected Validation Data



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. This data was developed using the same antibody clone with 86933-2-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 86933-2-PBS in a different storage buffer formulation.



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