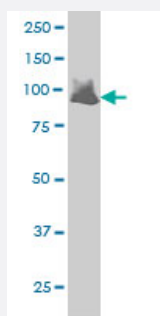


VAV1 monoclonal antibody (M01), clone 9C1

Catalog # H00007409-M01

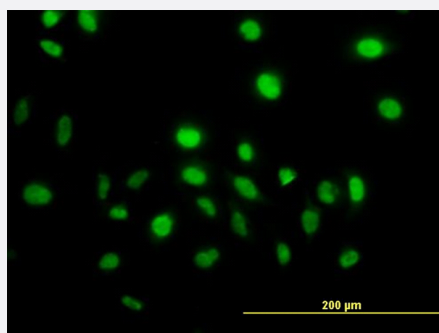
Size 100 ug

Applications



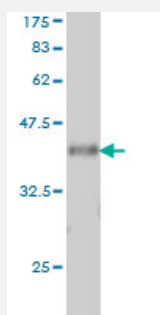
Western Blot (Cell lysate)

VAV1 monoclonal antibody (M01), clone 9C1 Western Blot analysis of VAV1 expression in Jurkat (Cat # L017V1).



Immunofluorescence

Immunofluorescence of monoclonal antibody to VAV1 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant VAV1.

Immunogen	VAV1 (AAH13361, 681 a.a. ~ 790 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	RGLTELVEFYQQNSLKDCFKSLDTTLQFPFKEPEKRTISRPAVGSTKYFGTAKARYDFCARDRSE LSLKEGDIKILNKKGGQQGWWRGEIYGRVGWFPANYVEEDYSEYC
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

VAV1 monoclonal antibody (M01), clone 9C1 Western Blot analysis of VAV1 expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to VAV1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — VAV1

Entrez GeneID	7409
GeneBank Accession#	BC013361
Protein Accession#	AAH13361
Gene Name	VAV1

Gene Alias	VAV
Gene Description	vav 1 guanine nucleotide exchange factor
Omim ID	164875
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this proto-oncogene is a member of the Dbl family of guanine nucleotide exchange factors (GEF) for the Rho family of GTP binding proteins. The protein is important in hematopoiesis, playing a role in T-cell and B-cell development and activation. This particular GEF has been identified as the specific binding partner of Nef proteins from HIV-1. Coexpression and binding of these partners initiates profound morphological changes, cytoskeletal rearrangements and the JNK/SAPK signaling cascade, leading to increased levels of viral transcription and replication. [provided by RefSeq]
Other Designations	oncogene vav vav 1 oncogene vav proto-oncogene

Publication Reference

- [Chemokine Receptor CCR7 Triggers an Endomembrane Signaling Complex for Spatial Rac Activation.](#)

Laufer JM, Hauser MA, Kindinger I, Purvanov V, Pauli A, Legler DF.

Cell Reports 2019 Oct; 29(4):995.

Application: PLA-Ce, Human, Mature monocyte-derived dendritic cells

Pathway

- [B cell receptor signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Fc epsilon RI signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Focal adhesion](#)
- [Leukocyte transendothelial migration](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Regulation of actin cytoskeleton](#)
- [T cell receptor signaling pathway](#)