
Product Name: VAV1 Mouse Monoclonal Antibody**Catalog #: AMM81156**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:250-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	98.3kDa

Antigen Information

Gene Name	VAV1
Alternative Names	VAV
Gene ID	7409.0
SwissProt ID	P15498
Immunogen	Purified recombinant fragment of human VAV1 (AA: 121-324) expressed in E. Coli.

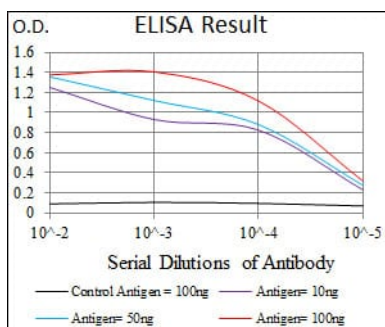
Background

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.

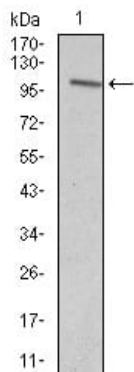
Coexpression and binding of these partners initiates profound morphological changes, cytoskeletal rearrangements and the JNK/SAPK signaling cascade, leading to increased levels of viral transcription and replication.

Research Area

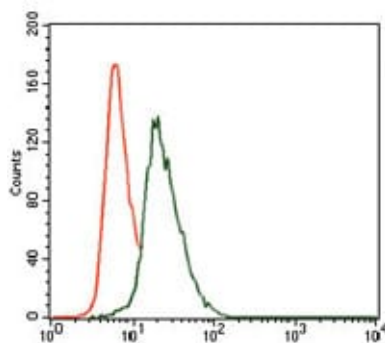
Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Western blot analysis using VAV1 mouse mAb against Jurkat (1) cell lysate.



Flow cytometric analysis of HeLa cells using VAV1 mouse mAb (green) and negative control (red).