

## VAV1 monoclonal antibody

Catalog: MB21640

Host: Mouse

Reactivity: Human

### 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.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

98.3kDa

### Swiss-Prot:

P15498

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/250 FC:1/200 - 1/400

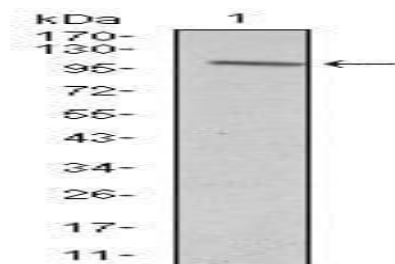
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

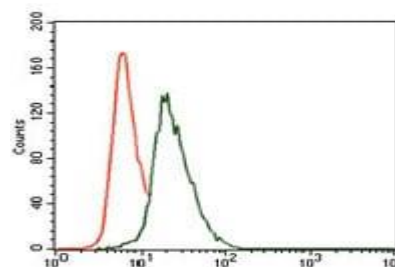
### Isotype:

Mouse IgG1

### DATA:



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).

### Note:

For research use only, not for use in diagnostic procedure.

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