

## JAM3 monoclonal antibody

Catalog: MB23423

Host: Mouse

Reactivity: Human

### BackGround:

Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. The protein encoded by this immunoglobulin superfamily gene member is localized in the tight junctions between high endothelial cells. Unlike other proteins in this family, the this protein is unable to adhere to leukocyte cell lines and only forms weak homotypic interactions. The encoded protein is a member of the junctional adhesion molecule protein family and acts as a receptor for another member of this family. A mutation in an intron of this gene is associated with hemorrhagic destruction of the brain, subependymal calcification, and congenital cataracts. Alternative splicing results in multiple transcript variants.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

35kDa

### Swiss-Prot:

Q9BX67

### 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:1/500 - 1/2000 FC:1/200 - 1/400

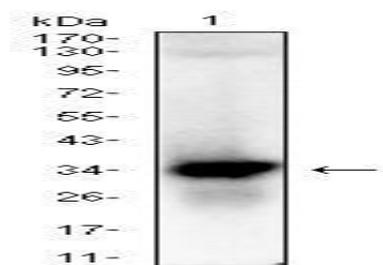
### Storage&Stability:

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

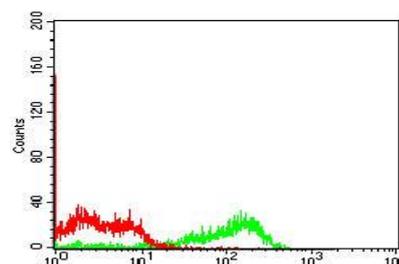
### Isotype:

Mouse IgG1

### DATA:



Western blot analysis using JAM3 mouse mAb against SH-SY5Y (1) cell lysate.



Flow cytometric analysis of Hek293 cells using JAM3 mouse mAb (green) and negative control (red).

### Note:

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

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