

## EIF2AK2 monoclonal antibody

Catalog: MB21845

Host: Mouse

Reactivity: Human

### BackGround:

The protein encoded by this gene is a serine/threonine protein kinase that is activated by autophosphorylation after binding to dsRNA. The activated form of the encoded protein can phosphorylate translation initiation factor EIF2S1, which in turn inhibits protein synthesis. This protein is also activated by manganese ions and heparin. Three transcript variants encoding two different isoforms have been found for this gene.

### Product:

Purified antibody in PBS with 0.05% sodium azide.

### Molecular Weight:

62kDa

### Swiss-Prot:

P19525

### 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

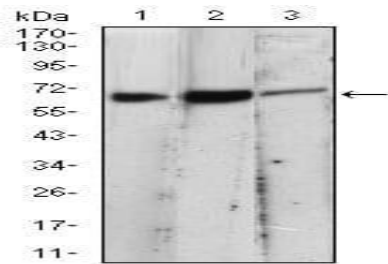
### Storage&Stability:

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

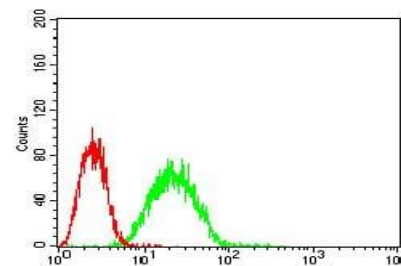
### Isotype:

Mouse IgG1

### DATA:



Western blot analysis using EIF2AK2 mouse mAb against A431 (1), MCF-7 (2), PC-12 (3) cell lysate.



Flow cytometric analysis of A431 cells using EIF2AK2 mouse mAb (green) and negative control (red).

### Note:

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

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