

EIF2AK2 monoclonal antibody

Catalog: MB21858

Host: Mouse

Reactivity: Human, Mouse, Rat, Rabbit

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 IHC:1/100 - 1/500 FC:1/200 - 1/400

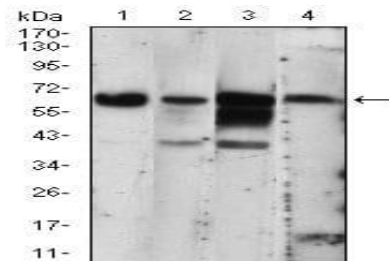
Storage&Stability:

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

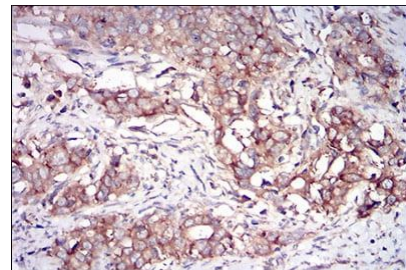
Isotype:

Mouse IgG1

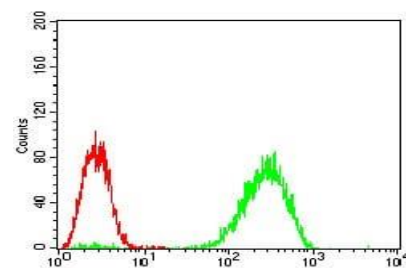
DATA:



Western blot analysis using EIF2AK2 mouse mAb against A431 (1), THP-1 (2), MCF-7 (3), PC-12 (4) cell lysate.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using EIF2AK2 mouse mAb with DAB staining.



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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