

EI2BG monoclonal antibody

Catalog: MB23410

Host: Mouse

Reactivity: Human

BackGround:

The protein encoded by this gene is one of the subunits of initiation factor eIF2B, which catalyzes the exchange of eukaryotic initiation factor 2-bound GDP for GTP. It has also been found to function as a cofactor of hepatitis C virus internal ribosome entry site-mediated translation. Mutations in this gene have been associated with leukodystrophy with vanishing white matter. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

50.2kDa

Swiss-Prot:

Q9NR50

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:1/200 - 1/1000 IF:1/50 - 1/200
FC:1/200 - 1/400

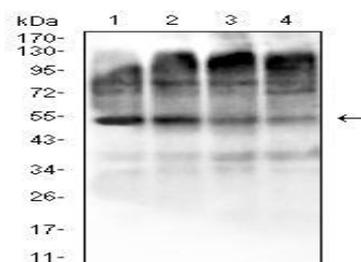
Storage&Stability:

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

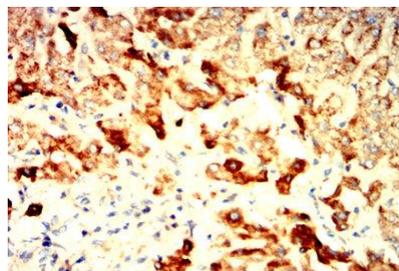
Isotype:

Mouse IgG1

DATA:



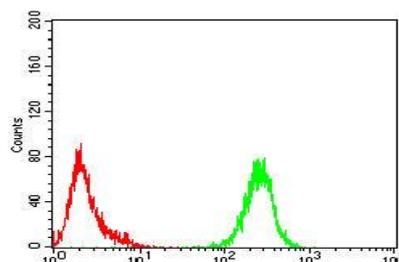
Western blot analysis using EI2BG mouse mAb against K562 (1), HeLa (2), MCF-7 (3) and HL-60 (4) cell lysate.



Immunohistochemical analysis of paraffin-embedded human liver tissues using EI2BG mouse mAb with DAB staining.



Immunofluorescence analysis of HeLa cells using EI2BG mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



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PRODUCT DATA SHEET

Bioworld Technology, Inc.

Flow cytometric analysis of HL-60 cells using EI2BG mouse mAb
(green) and negative control (red).

Note:

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

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