

BDNF monoclonal antibody

Catalog: MB21795

Host: Mouse

Reactivity: Human

BackGround:

The protein encoded by this gene is a member of the nerve growth factor family. It is induced by cortical neurons, and is necessary for survival of striatal neurons in the brain. Expression of this gene is reduced in both Alzheimer's and Huntington disease patients. This gene may play a role in the regulation of stress response and in the biology of mood disorders. Multiple transcript variants encoding distinct isoforms have been described for this gene.

Product:

Purified antibody in PBS with 0.05% sodium azide.

Molecular Weight:

27.8kDa

Swiss-Prot:

P23560

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:

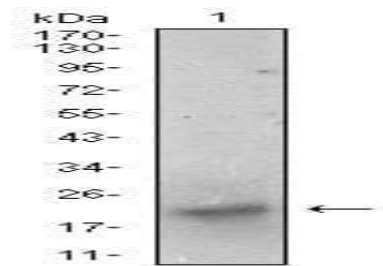
WB:1/500 - 1/2000 IF:1/200 - 1/1000

Storage&Stability:

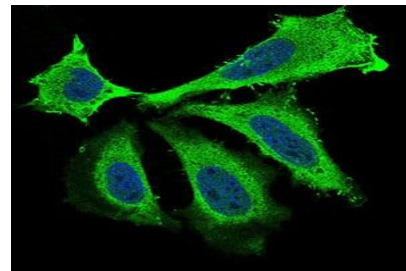
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

Mouse IgG1

DATA:

Western blot analysis using BDNF mouse mAb against SK-N-SH (1) cell lysate.



Immunofluorescence analysis of HeLa cells using BDNF mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Secondary antibody from Fisher (Cat#: 35503)

Note:

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

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