

Dynamin-2 monoclonal antibody

Catalog: MB22447

Host: Mouse

Reactivity: Human

BackGround:

Dynamins represent one of the subfamilies of GTP-binding proteins. These proteins share considerable sequence similarity over the N-terminal portion of the molecule, which contains the GTPase domain. Dynamins are associated with microtubules. They have been implicated in cell processes such as endocytosis and cell motility, and in alterations of the membrane that accompany certain activities such as bone resorption by osteoclasts. Dynamins bind many proteins that bind actin and other cytoskeletal proteins. Dynamins can also self-assemble, a process that stimulates GTPase activity. Five alternatively spliced transcripts encoding different proteins have been described. Additional alternatively spliced transcripts may exist, but their full-length nature has not been determined.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

98kDa

Swiss-Prot:

P50570

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:1/250 - 1/1000 FC:1/200 - 1/400

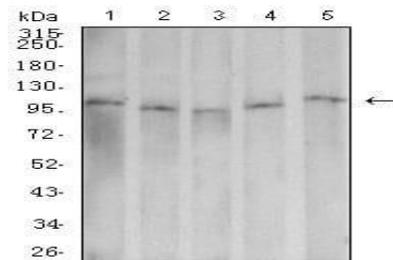
Storage&Stability:

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

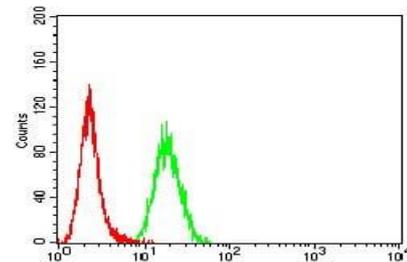
Isotype:

Mouse IgG2a

DATA:



Western blot analysis using Dynamin-2 mouse mAb against HeLa (1), U251 (2), K562 (3), Jurkat (4), and Ramos (5) cell lysate.



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

Note:

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

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