

DDX20 monoclonal antibody

Catalog: MB22053

Host: Mouse

Reactivity: Human,Rat

BackGround:

DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which has an ATPase activity and is a component of the survival of motor neurons (SMN) complex. This protein interacts directly with SMN, the spinal muscular atrophy gene product, and may play a catalytic role in the function of the SMN complex on RNPs.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

92.2kDa

Swiss-Prot:

Q9UHI6

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 FC:1/200 - 1/400

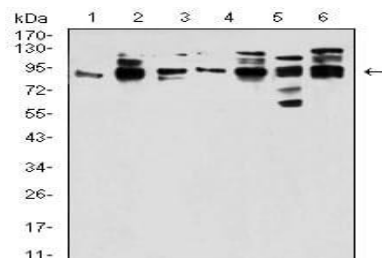
Storage&Stability:

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

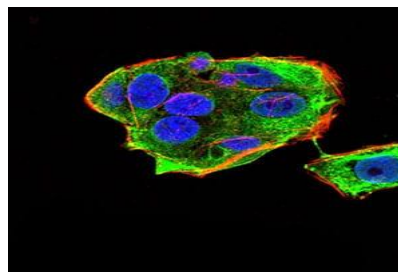
Isotype:

Mouse IgG1

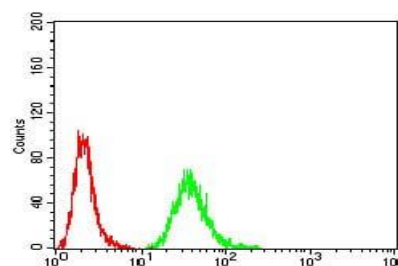
DATA:



Western blot analysis using DDX20 mouse mAb against Jurkat (1), HeLa (2), NTERA-2 (3), HL7702 (4), K562 (5), and C6 (6) cell lysate.



Immunofluorescence analysis of HeLa cells using DDX20 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)



Flow cytometric analysis of HeLa cells using DDX20 mouse mAb (green) and negative control (red).

Note:

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

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