

## DDX1 monoclonal antibody

Catalog: MB22205

Host: Mouse

Reactivity: Human, Mouse

### 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 of unknown function. It shows high transcription levels in 2 retinoblastoma cell lines and in tissues of neuroectodermal origin.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

82.4kDa

### Swiss-Prot:

Q92499

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

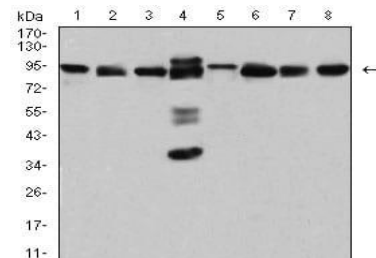
### Storage&Stability:

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

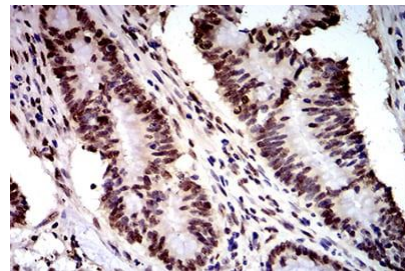
### Isotype:

Mouse IgG1

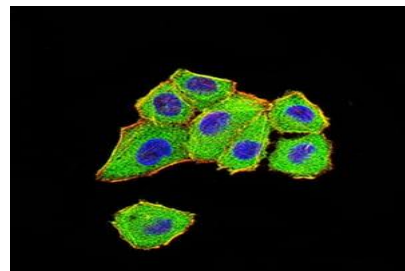
### DATA:



Western blot analysis using DDX1 mouse mAb against HeLa (1), MCF-7 (2), A431 (3), PC-3 (4), NIH/3T3 (5), Jurkat (6), U251 (7), and HEK293 (8) cell lysate.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using DDX1 mouse mAb with DAB staining.



Immunofluorescence analysis of HeLa cells using DDX1 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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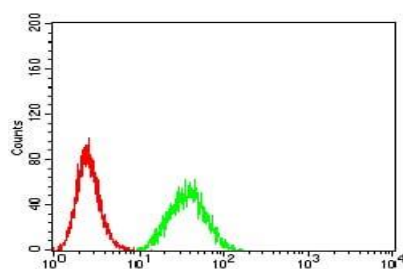
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Flow cytometric analysis of Hela cells using DDX1 mouse mAb (green) and negative control (red).

**Note:**

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

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