DDX3 (6G8) monoclonal antibody

Catalog: MB0178 Host: Mouse Reactivity: Human,Mouse,Rat

BackGround:

DDX3 contains all of the motifs of the DEAD box family of RNA helicases, including the Asp/Glu/Ala/Asp sequence that gives the protein family its name and distinguishes it from other RNA helicases. DDX3 is localized to the X chromosome and has a highly conserved functional homolog (DBY) on the Y chromosome. DDX3 is thought to be involved in RNA splicing, RNA transport, and translation initiation. It is also involved in cell growth control and is deregulated in hepatitis virus associated hepatocellular carcinoma. Recent experiments suppressing DDX3 expression blocked HIV1 RNA export from the nucleus, suggesting that DDX3 functions as a shuttling protein that transports the HIV1 protein Rev and its cofactor CRM1 from the nucleus to the cytoplasm.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

Predicted band size:73KDa

Observed band size:73KDa

Swiss-Prot:

O00571

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: 1:1000

IP: 1:50~200

ICC: 1:50~200

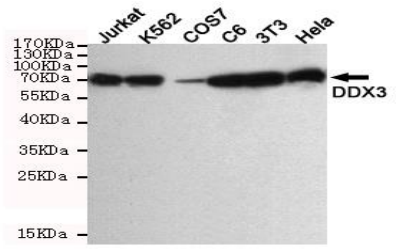
Storage&Stability:

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

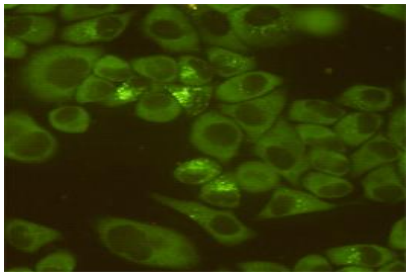
Specificity:

This antibody detects endogenous levels of DDX3 and does not cross-react with related proteins.

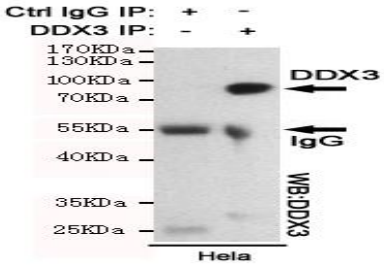
DATA:



Western blot detection of DDX3 in Hela,3T3,C6,COS7,K562 and Jurkat cell lysate using DDX3 mouse mAb (1:1000 diluted).



Immunocytochemistry staining of HeLa cells fixed with 4% Paraformaldehyde and using DDX3 mouse mAb (dilution 1:200).



Immunoprecipitation analysis of Hela cell lysates using DDX3 mouse mAb.

Note:

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

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