

DBC1 (3G4) monoclonal antibody

Catalog: MB0057

Host: Mouse IgG1

Reactivity: Human, Mouse, Rat, Monkey

BackGround:

Core component of the DBIRD complex, a multiprotein complex that acts at the interface between core mRNP particles and RNA polymerase II (RNAPII) and integrates transcript elongation with the regulation of alternative splicing: the DBIRD complex affects local transcript elongation rates and alternative splicing of a large set of exons embedded in (A + T)-rich DNA regions. Inhibits SIRT1 deacetylase activity leading to increasing levels of p53/TP53 acetylation and p53-mediated apoptosis. Inhibits SUV39H1 methyltransferase activity. As part of a histone H3-specific methyltransferase complex may mediate ligand-dependent transcriptional activation by nuclear hormone receptors.

Product:

Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol

Molecular Weight:

Predicted band size: 103KDa

Observed band size: 120KDa

Swiss-Prot:

Q8N163

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: 1:500~1000

ICC: 1:50~200

Storage&Stability:

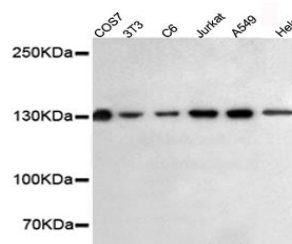
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

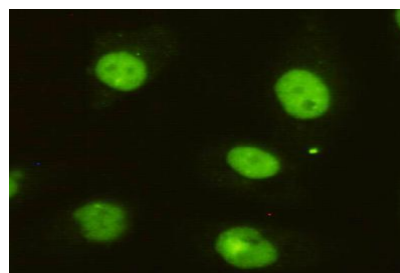
This antibody detects endogenous levels of DBC1 and

does not cross-react with related proteins

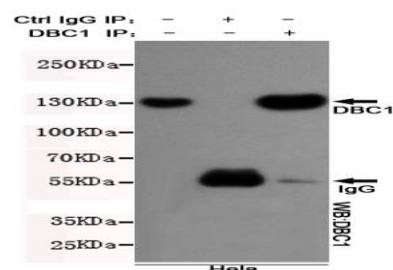
DATA:



Western blot detection of DBC1 in HeLa, A549, Jurkat, C6, 3T3 and COS7 cell lysates using DBC1 mouse mAb (1:500 diluted).



Immunocytochemistry of HeLa cells using anti-DBC1 mouse mAb diluted 1:200.



Immunoprecipitation analysis of HeLa cell lysates using DBC1 mouse mAb.

Note:

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

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