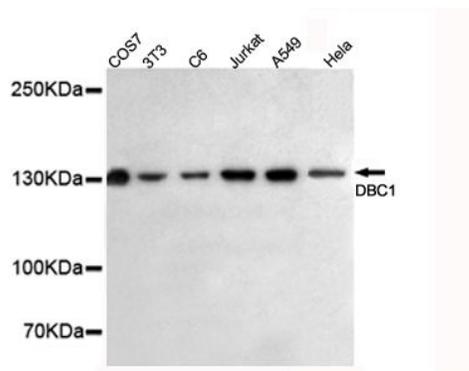




DBC1

Mouse monoclonal Antibody

#53180

Catalog Number: 53180**Amount:** 100µg/100µl**Swiss-Prot No. :**Q8N163**Gene name:**kiaa1967**Gene id:**57805**Clone Number:** 3G4-D11-D7**Form of Antibody:**Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human DBC1 protein fragments expressed in E.coli.**Purification:** affinity-chromatography**Specificity/Sensitivity:**This antibody detects endogenous levels of DBC1 and does not cross-react with related proteins**Reactivity:** Human,Mouse,Rat**Applications:** Predicted MW: 130 kd WB: 1:500 ICC:1:200

Western blot detection of DBC1 in HeLa,A549,Jurkat,C6,3T3 and COS7 cell lysates using DBC1 mouse mAb (1:500 diluted).Predicted band size:130KDa.Observed band size:130KDa.

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.