

## Product datasheet for TA346986

### KIAA1967 (CCAR2) Mouse Monoclonal Antibody [Clone ID: 3G4-D11-D7]

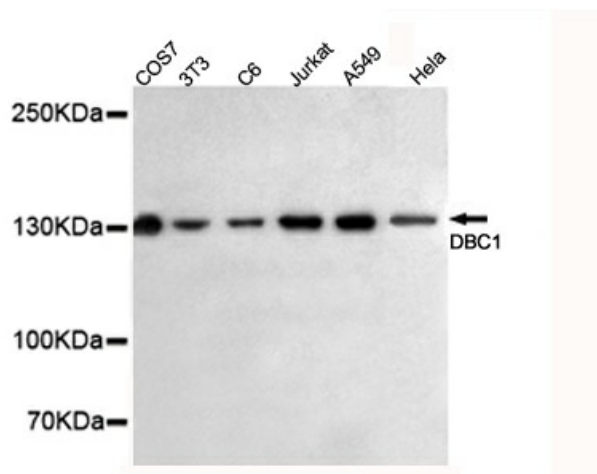
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	3G4-D11-D7
Applications:	IF, IP, WB
Recommend Dilution:	WB: 1:500, IF: 1:200
Reactivity:	Human, Monkey, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	The immunogen for KIAA1967 antibody: purified recombinant human DBC1 protein fragments expressed in E.coli
Formulation:	Purified mouse monoclonal antibody in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.02% sodium azide, 50% glycerol
Purification:	Affinity purified
Predicted Protein Size:	130 kDa
Gene Name:	cell cycle and apoptosis regulator 2
Database Link:	<a href="#">NP_066997</a> <a href="#">Entrez Gene 219158</a> <a href="#">MouseEntrez Gene 306007</a> <a href="#">RatEntrez Gene 57805</a> <a href="#">Human</a>
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.
Synonyms:	DBC-1; DBC1; KIAA1967; NET35; p30 DBC; p30DBC

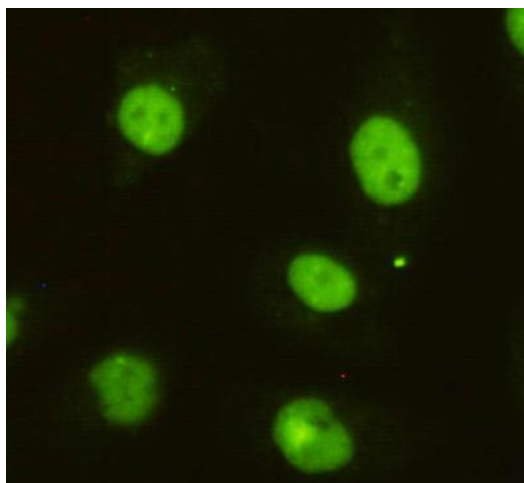


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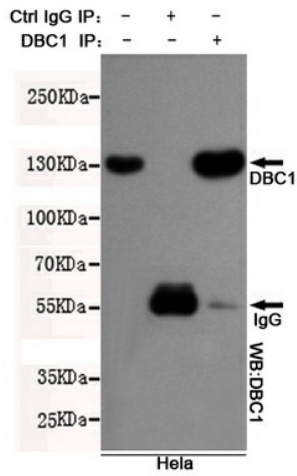
## Product images:



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: 130 kDa. Observed band size: 130 kDa.



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



Immunoprecipitation analysis of HeLa cell lysates using DBC1 mouse mAb.