

Product datasheet for **TA346986S**

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
Recommended Dilution:	WB: 1:500, IF: 1:200
Reactivity:	Human, Mouse, Rat, Monkey
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
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	130 kDa
Gene Name:	cell cycle and apoptosis regulator 2
Database Link:	NP_066997 Entrez Gene 219158 Mouse Entrez Gene 306007 Rat Entrez Gene 57805 Human Q8N163



[View online »](#)

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