

## Product datasheet for **TA346986**

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

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	3G4-D11-D7
<b>Applications:</b>	IF, IP, WB
<b>Recommended Dilution:</b>	WB: 1:500, IF: 1:200
<b>Reactivity:</b>	Human, Mouse, Rat, Monkey
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	The immunogen for KIAA1967 antibody: purified recombinant human DBC1 protein fragments expressed in E.coli
<b>Formulation:</b>	Purified mouse monoclonal antibody in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.02% sodium azide, 50% glycerol
<b>Purification:</b>	Affinity purified
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	130 kDa
<b>Gene Name:</b>	cell cycle and apoptosis regulator 2
<b>Database Link:</b>	<a href="#">NP_066997</a> <a href="#">Entrez Gene 219158 Mouse</a> <a href="#">Entrez Gene 306007 Rat</a> <a href="#">Entrez Gene 57805 Human</a> <a href="#">Q8N163</a>



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**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