

Recombinant

DGRmAb®

Cyclin E2 (DGR11621) Rabbit mAb

db11965

Package : 10μL 20μL 50μL 100μL

Product Name : Cyclin E2 (DGR11621) Rabbit mAb**Cat.No.:** db11965**Synonyms :** CYCE2**Application :** WB, ICC/IF**Reactivity :** Human,Mouse**Host species :** Rabbit**Background**

The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin forms a complex with and functions as a regulatory subunit of CDK2. This cyclin has been shown to specifically interact with CIP/KIP family of CDK inhibitors, and plays a role in cell cycle G1/S transition. The expression of this gene peaks at the G1-S phase and exhibits a pattern of tissue specificity distinct from that of cyclin E1. A significantly increased expression level of this gene was observed in tumor-derived cells. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human Cyclin E2

Gene ID

9134

Swiss Prot

O96020

Synonyms

CYCE2

Reactivity

Human,Mouse

Application

WB, ICC/IF

Recommended dilution

WB: 1:1000

ICC/IF: 1:50

Calculated MW

47 kDa

Observed MW

47 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR11621

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.
	<div><div>□</div><div>Western blot detection of Cyclin E2 in Jurkat cell lysates using Cyclin E2 antibody(1:500 diluted).</div></div>
	<div><div>□</div><div>Immunofluorescent analysis of MCF-7 cells using db11965 antibody (green), and DAPI (blue).</div></div>