

E2F1 (4G8) Mouse mAb

db6248

Package : 50μL 100μL

Product Name : E2F1 (4G8) Mouse mAb**Cat.No.:** db6248**Synonyms** : RBP3; E2F-1; RBAP1; RBBP3**Application** : WB, ICC/IF, IP**Reactivity** : Human, Mouse, Rat**Host species** : Mouse**Background**

Transcription activator that binds DNA cooperatively with dp proteins through the E2 recognition site, 5'-TTTC[CG]CGC-3' found in the promoter region of a number of genes whose products are involved in cell cycle regulation or in DNA replication. The DRTF1/E2F complex functions in the control of cell-cycle progression from G1 to S phase. E2F-1 binds preferentially RB1 protein, in a cell-cycle dependent manner. It can mediate both cell proliferation and p53-dependent apoptosis.

Immunogen

Purified recombinant human E2F-1 protein fragments expressed in E.coli

Gene ID

1869

Swiss Prot

Q01094

Synonyms

RBP3; E2F-1; RBAP1; RBBP3

Reactivity

Human, Mouse, Rat

Application

WB, ICC/IF, IP

Recommended dilution

WB: 1:500-1:1000

ICC/IF: 1:50-1:200

IP: 1:20

Calculated MW

47 kDa

Observed MW

70 kDa

Host species

Mouse

Clonality

Monoclonal

Clonality No.

4G8-2C2-C12

Isotype

IgG2b

Purity

Affinity Purification

Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.
	<ul style="list-style-type: none">□ Western blot analysis of E2F1 in C6, Raw264.7 and Hela lysates using E2F1 antibody.□ Immunofluorescence analysis of E2F1 (4G8) in Hela using E2F1 antibody,and DAPI (blue).□ Immunoprecipitation analysis of E2F1 (4G8) in Hela lysates using E2F1 antibody.