

Mouse anti-Human E2F-1 Monoclonal Antibody | anti-E2F1 antibody

E2F-1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290480	Mouse	Human	Immunoprecipitation, Immunocytochemistry, Western Blot

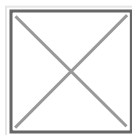
PRODUCT SYNONYMS

E2F-1; Monoclonal Antibody; E2F-1 Antibody; Purified Mouse Monoclonal Antibody (Mab); Dmel\CG6376; Dmel_CG6376; drosE2F1; E(Sev-CycE)3A; E(var)3-93E; E2-promoter binding facto; E2F 1; E2F transcription factor 1; E2f-PA; E2f-PB; E2f-PC; E2F1; E2f1 E2F transcription factor 1; E2F1_HUMAN; Evar(3)164; KIAA4009; I(3)07172; I(3)j3B1; I(3)j3C2; I(3)rM729; mKIAA4009; OTTHUMP00000030661; PBR3; PRB binding protein E2F 1; PRB-binding protein E2F-1; RBAP 1; RBAP-1; RBAP1; RBBP-3; RBBP3; RBP 3; RBP3; Retinoblastoma-associated protein 1; Retinoblastoma-binding protein 3; Transcription factor E2F1.; anti-E2F1 antibody

PRODUCT SPECIFICATIONS

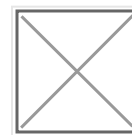
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Form/Format	Purified mouse monoclonal antibody in PBS(pH 7.4) containing with 0.03% Proclin300 and 50% glycerol.
Sequence Length	437
Applicable Applications for anti-E2F1 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), WB (Western Blot)
Antigen Source	Human
Antigen Type	Recombinant Protein
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



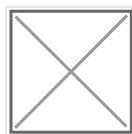
IP (Immunoprecipitation)

Immunoprecipitation analysis of Hela cell lysates using E2F-1 mouse mAb.



ICC (Immunocytochemistry)

Immunofluorescent analysis of Hela cells fixed with 4% Paraformaldehyde and using anti-E2F-1 mouse mAb (dilution 1:100). DAPI was used to stain nucleus(blue).



WB (Western Blot)

Western blot detection of E2F-1 in C6,Raw264.7 and Hela cell lysates using E2F-1 mouse mAb (1:500 diluted).Predicted band size:70KDa.Observed band size:70KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-E2F1 antibody	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. E2F1 binds preferentially RB1 in a cell-cycle dependent manner. It can mediate both cell proliferation and TP53/p53-dependent apoptosis.
Product Categories/Family for anti-E2F1 antibody	Cancer
References	Helin K.,et al.Cell 70:337-350(1992). Kaelin W.G. Jr.,et al.Cell 70:351-364(1992). Shan B.,et al.Mol. Cell. Biol. 12:5620-5631(1992). Neuman E.,et al.Gene 173:163-169(1996). Deloukas P.,et al.Nature 414:865-871(2001).

NCBI AND UNIPROT INFORMATION

NCBI GI #	12669911
NCBI GeneID	1869
NCBI Accession #	NP_005216.1
NCBI GenBank Nucleotide #	NM_005225.2
UniProt Accession #	Q01094; Q13143; Q92768
Molecular Weight	46920
NCBI Official Full Name	transcription factor E2F1
NCBI Official Synonym Full Names	E2F transcription factor 1
NCBI Official Symbol	E2F1
NCBI Official Synonym Symbols	RBP3; E2F-1; RBAP1; RBBP3
NCBI Protein Information	transcription factor E2F1
UniProt Protein Name	Transcription factor E2F1
UniProt Gene Name	E2F1
UniProt Synonym Gene Names	RBBP3; E2F-1; RBAP-1; RBBP-3
UniProt Entry Name	E2F1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.