

E2F1 Rabbit mAb

Catalog # AP76849

Product Information

Application	WB, IHC-P, IHC-F, IP, ICC
Primary Accession	Q01094
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	46920

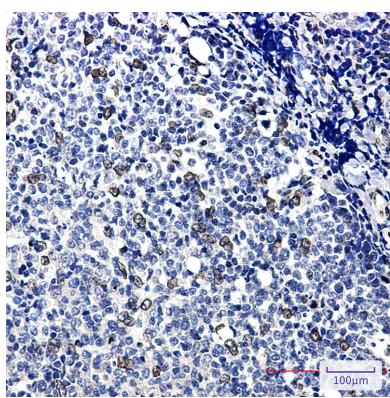
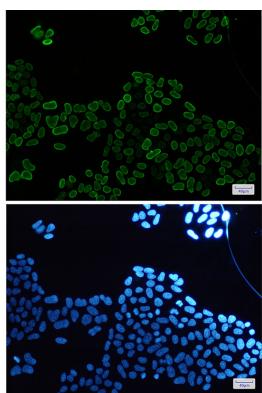
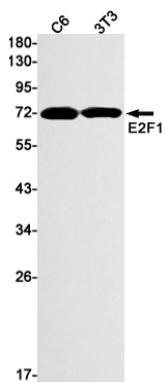
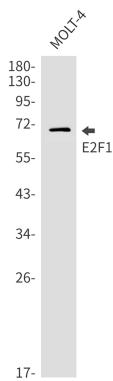
Additional Information

Gene ID	1869
Other Names	E2F1
Dilution	WB~~1/500-1/1000 IHC-P~~N/A IHC-F~~N/A IP~~1/20 ICC~~N/A
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

Protein Information

Name	E2F1 {ECO:0000303 PubMed:8964493, ECO:0000312 HGNC:HGNC:3113}
Function	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 (PubMed: 10675335 , PubMed: 12717439 , PubMed: 17050006 , PubMed: 17704056 , PubMed: 18625225 , PubMed: 28992046). The DRTF1/E2F complex functions in the control of cell-cycle progression from G1 to S phase (PubMed: 10675335 , PubMed: 12717439 , PubMed: 17704056). E2F1 binds preferentially RB1 in a cell-cycle dependent manner (PubMed: 10675335 , PubMed: 12717439 , PubMed: 17704056). It can mediate both cell proliferation and TP53/p53-dependent apoptosis (PubMed: 8170954). Blocks adipocyte differentiation by binding to specific promoters repressing CEBPA binding to its target gene promoters (PubMed: 20176812). Directly activates transcription of PEG10 (PubMed: 17050006 , PubMed: 18625225 , PubMed: 28992046). Positively regulates transcription of RRP1B (PubMed: 20040599).
Cellular Location	Nucleus

Images



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.