

For Research Use Only

E2F1 Recombinant monoclonal antibody

Catalog Number: 87313-3-RR



Basic Information

Catalog Number: 87313-3-RR	GenBank Accession Number: BC050369	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1869	CloneNo.: 252660D5
Source: Rabbit	UNIPROT ID: Q01094	Recommended Dilutions: WB: 1:2000-1:10000
Isotype: IgG	Full Name: E2F transcription factor 1	
Immunogen Catalog Number: AG17363	Calculated MW: 437 aa, 47 kDa	
	Observed MW: 55-60 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Jurkat cells, NIH/3T3 cells, LNCap cells
Species Specificity: human, mouse	

Background Information

Transcription factor E2F1 (E2F1), also known as RBBP3, is a 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. The sumoylated E2F1 is about 55-60 kDa.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

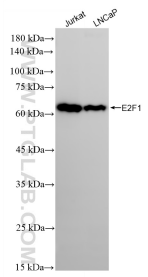
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87313-3-RR (E2F1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.