

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
Source: Rabbit	GeneID (NCBI): 1869	CloneNo.: 252660D5
Isotype: IgG	UNIPROT ID: Q01094	Recommended Dilutions: WB: 1:2000-1:10000
Immunogen Catalog Number: AG17363	Full Name: E2F transcription factor 1	
	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

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

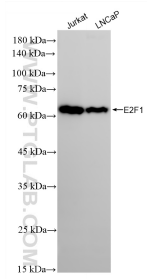
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Selected Validation Data



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.