

For Research Use Only

E2F4 Monoclonal antibody

Catalog Number: 67812-1-Ig



Basic Information

Catalog Number: 67812-1-Ig	GenBank Accession Number: BC033180	Purification Method: Protein G purification
Size: 150UL, Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1874	CloneNo.: 2D1E1
Source: Mouse	Full Name: E2F transcription factor 4, p107/p130- binding	Recommended Dilutions: 1:5000-1:50000
Isotype: IgG1	Calculated MW: 44 kDa	
Immunogen Catalog Number: AG28533		

Applications

Tested Applications: WB, ELISA	Positive Controls: WB: LNCaP cells, HSC-T6 cells
Species Specificity: Human, mouse, rat	

Background Information

Transcription factor E2F4 (E2F4) 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-4 binds with high affinity to RBL1 and RBL2. In some instances, can also bind RB protein. The observed molecular weight of 60-70 kDa is the phosphorylation of E2F4 protein.

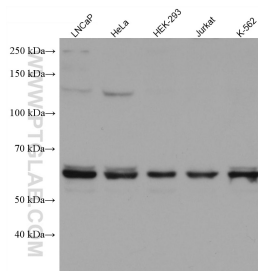
Storage

Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

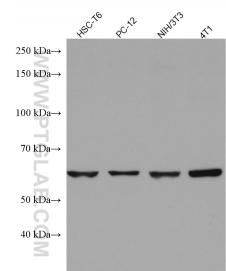
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67812-1-Ig (E2F4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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