

For Research Use Only

# E2F4 Monoclonal antibody

Catalog Number: 67812-1-Ig



## Basic Information

<b>Catalog Number:</b> 67812-1-Ig	<b>GenBank Accession Number:</b> BC033180	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 1874	<b>CloneNo.:</b> 2D1E1
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q16254	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG1	<b>Full Name:</b> E2F transcription factor 4, p107/p130-binding	
<b>Immunogen Catalog Number:</b> AG28533	<b>Calculated MW:</b> 44 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : LNCaP cells, HSC-T6 cells, HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, PC-12 cells, NIH/3T3 cells, 4T1 cells
<b>Species Specificity:</b> 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. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% 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:

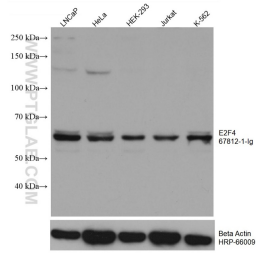
T: 4006900926

E: Proteintech-CN@ptglab.com

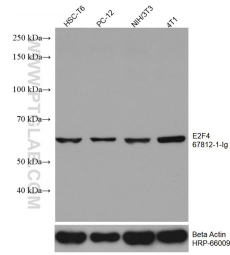
W: ptgcn.com

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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. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.



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