

For Research Use Only

E2F4 Monoclonal antibody, PBS Only



Catalog Number: 67812-1-PBS

Basic Information

| | | |
|---|--|---|
| Catalog Number: 67812-1-PBS | GenBank Accession Number: BC033180 | Purification Method: Protein G purification |
| Size: 1 mg/ml | GeneID (NCBI): 1874 | CloneNo.: 2D1E1 |
| Source: Mouse | UNIPROT ID: Q16254 | |
| Isotype: IgG1 | Full Name: E2F transcription factor 4, p107/p130-binding | |
| Immunogen Catalog Number: AG28533 | Calculated MW: 44 kDa | |

Applications

Tested Applications:
WB, Indirect ELISA

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 -80°C.

Storage Buffer:
PBS Only

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

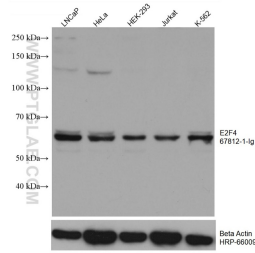
T: 4006900926

E: Proteintech-CN@ptglab.com

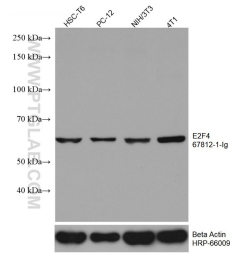
W: ptgcn.com

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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. This data was developed using the same antibody clone with 67812-1-PBS in a different storage buffer formulation.



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