

For Research Use Only

E2F4 Monoclonal antibody, PBS Only

Catalog Number: 67812-1-PBS

Featured Product



Basic Information

Catalog Number:

67812-1-PBS

Concentration:

1mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG28533

GenBank Accession Number:

BC033180

GeneID (NCBI):

1874

UNIPROT ID:

Q16254

Full Name:

E2F transcription factor 4, p107/p130-binding

Calculated MW:

44 kDa

Observed MW:

60-70 kDa

Purification Method:

Protein G purification

CloneNo.:

2D1E1

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

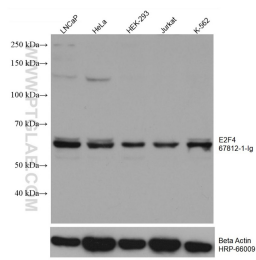
T: 4006900926

E: Proteintech-CN@ptglab.com

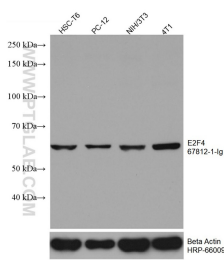
W: ptgcn.com

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

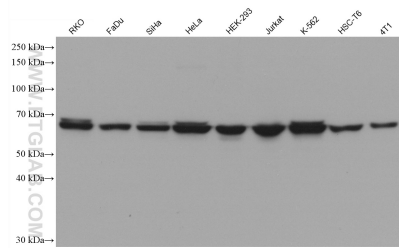
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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.



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.



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