

For Research Use Only

# E2F4 Monoclonal antibody, PBS Only

Catalog Number: 67812-1-PBS

Featured Product



## Basic Information

Catalog Number:

67812-1-PBS

Size:

100ug, Concentration: 1mg/ml by Nanodrop;

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

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.

Storage Buffer:

PBS Only

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

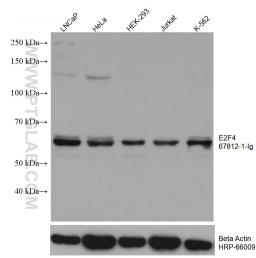
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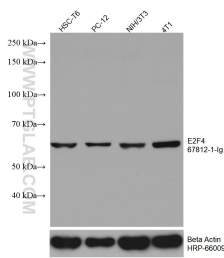
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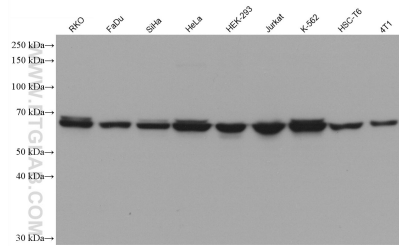
Selected Validation Data



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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