

For Research Use Only

EIF4B Recombinant monoclonal antibody, PBS Only

Catalog Number: 88367-1-PBS



Basic Information

Catalog Number:

88367-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12325

GenBank Accession Number:

BC073154

GeneID (NCBI):

1975

UNIPROT ID:

P23588

Full Name:

eukaryotic translation initiation factor 4B

Calculated MW:

611 aa, 69 kDa

Observed MW:

80 kDa

Purification Method:

Protein A purification

CloneNo.:

260892A7

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human

Background Information

EIF4B is one of the mammalian eukaryotic initiation factors (eIF) that are required for the ATP-dependent binding of mRNA to the 40 S ribosomal subunit, and the other eIF proteins are EIF4A, EIF4F. eIF4B is involved in translation of numerous proliferative or anti-apoptotic mRNAs with highly structured 5'UTR and subsequently affect cell growth and survival. It was reported that false expression and phosphorylation levels of eIF4B are involved in several tumors including breast cancer, cell lymphoblastic leukemia and diffuse large B-cell lymphoma (PMID: 26848623).

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:

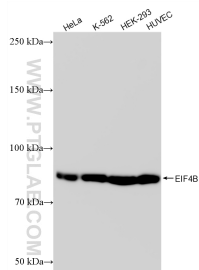
T: 4006900926

E: Proteintech-CN@ptglab.com

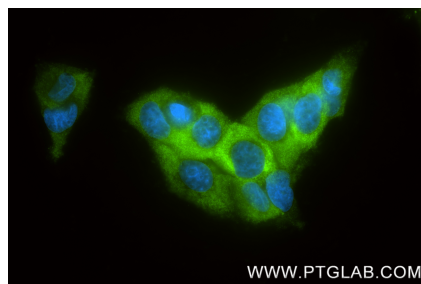
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88367-1-RR (EIF4B antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88367-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using EIF4B antibody (88367-1-RR, Clone: 260892A7) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 88367-1-PBS in a different storage buffer formulation.