

For Research Use Only

EIF1 Monoclonal antibody

Catalog Number: 67601-1-Ig



Basic Information

Catalog Number:

67601-1-Ig

Size:

2100 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG7843

GenBank Accession Number:

BC005118

GeneID (NCBI):

10209

UNIPROT ID:

P41567

Full Name:

eukaryotic translation initiation factor 1

Calculated MW:

13 kDa

Observed MW:

13 kDa

Purification Method:

Protein A purification

CloneNo.:

2G8C6

Recommended Dilutions:

WB 1:1000-1:6400

IF/ICC 1:150-1:600

Applications

Tested Applications:

IF/ICC, WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : HEK-293 cells, Jurkat cells

IF/ICC : HepG2 cells,

Background Information

It is a necessary for scanning and involved in initiation site selection. Promotes the assembly of 48S ribosomal complexes at the authentic initiation codon of a conventional capped mRNA. Molecular weight is 13kd.

Storage

Storage:

Store at -20°C.

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:

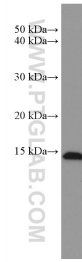
T: 4006900926

E: Proteintech-CN@ptglab.com

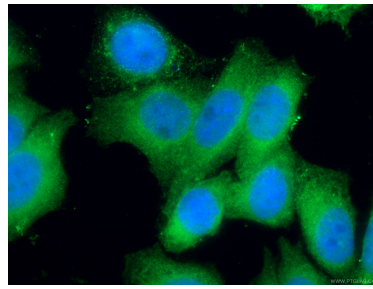
W: ptgcn.com

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Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 67601-1-Ig (EIF1 antibody) at dilution of 1:3200 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 67601-1-Ig (EIF1 antibody), at dilution of 1:300 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).