

For Research Use Only

EEF1G Monoclonal antibody

Catalog Number: 68148-1-Ig



Basic Information

Catalog Number:

68148-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG0218

GenBank Accession Number:

BC006520

GeneID (NCBI):

1937

UNIPROT ID:

P26641

Full Name:

eukaryotic translation elongation

factor 1 gamma

Calculated MW:

50 kDa

Observed MW:

50 kDa

Purification Method:

Protein A purification

CloneNo.:

1G7C6

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:400-1:1600

Applications

Tested Applications:

IF/ICC, WB, ELISA

Species Specificity:

Human, Pig, Rabbit

Positive Controls:

WB: U2OS cells, HeLa cells, MCF-7 cells, pig heart tissue, A549 cells, HEK-293 cells, rabbit heart tissue, pig brain tissue, rabbit brain tissue

IF/ICC: HeLa cells,

Background Information

Eukaryotic translation elongation factor 1 (EEF1G, synonym: EF1G) is a subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This subunit contains an N-terminal glutathione transferase domain, which may be involved in regulating the assembly of multisubunit complexes containing this elongation factor and aminoacyl-tRNA synthetases.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

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:

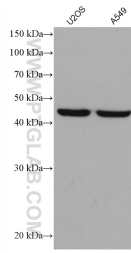
T: 4006900926

E: Proteintech-CN@ptglab.com

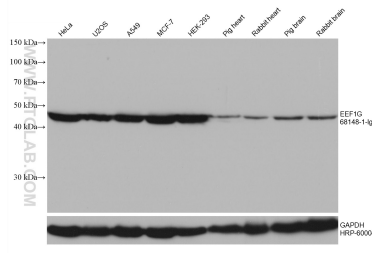
W: ptgcn.com

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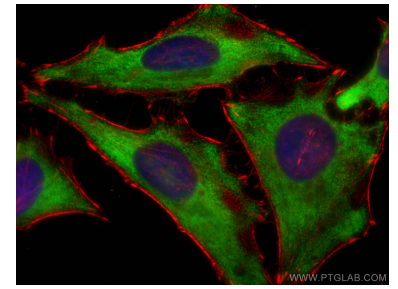
Selected Validation Data



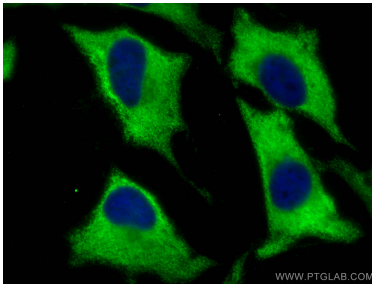
Various lysates were subjected to SDS PAGE followed by western blot with 68148-1-Ig (EEF1G antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 68148-1-Ig (EEF1G antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using EEF1G antibody (68148-1-Ig, Clone: 1G7C6) at dilution of 1:800 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using EEF1G antibody (68148-1-Ig, Clone: 1G7C6) at dilution of 1:800 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).