For Research Use Only

EEF1B2 Monoclonal antibody

Catalog Number:60329-1-Ig Featured Product

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
60329-1-Ig

Size:
150ul , Concentration: 1800 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG0135

GenBank Accession Number:
BC000211

GeneID (NCBI):
1933

Full Name:
eukaryotic translation elongation factor 1 beta 2

Calculated MW:
25 kDa

Observed MW:
30-34 kDa

Purification Method:
Protein G purification

CloneNo.:
3E1C11

Recommended Dilutions:
WB 1:2000-1:10000
IF 1:50-1:500

Applications

Tested Applications:
IF, WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, K-562 cells, HSC-T6 cells, PC-12 cells, NIH/3T3 cells, RAW 264.7 cells

IF : HeLa cells,

Background Information

In eukaryotes, the translation elongation factor eEF1A responsible for transporting amino-acylated tRNA to the ribosome forms a higher-order complex, eEF1H, with its guanine-nucleotide-exchange factor eEF1B. eEF1B consists of three subunits: eEF1B alpha, eEF1B beta and eEF1B gamma. The eEF1B2 possess the nucleotide-exchange activity. Although several models on the basis of in vitro experiments have been proposed for the macromolecular organization of the eEF1H complex, these models differ in various aspects. The human eukaryote elongation factor 1 beta 2 (eEF1B2) migrated as a 30-34 kDa protein in SDS-PAGE.

Storage

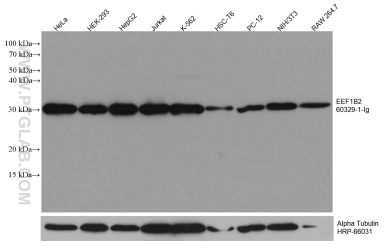
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

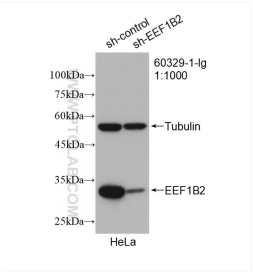
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

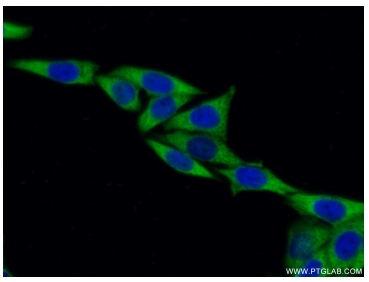
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60329-1-Ig (EEF1B2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



WB result of EEF1B2 antibody (60329-1-Ig; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EEF1B2 transfected HeLa cells.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 60329-1-Ig(EEF1B2 antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).