

For Research Use Only

# EIF2B1 Monoclonal antibody

Catalog Number: 68824-1-Ig



## Basic Information

**Catalog Number:**

68824-1-Ig

**Size:**

1000 ug/ml

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG12493

**GenBank Accession Number:**

BC103763

**GeneID (NCBI):**

1967

**UNIPROT ID:**

Q14232

**Full Name:**

eukaryotic translation initiation factor 2B, subunit 1 alpha, 26kDa

**Calculated MW:**

305 aa, 34 kDa

**Observed MW:**

34 kDa

**Purification Method:**

Protein G purification

**CloneNo.:**

1H6A3

**Recommended Dilutions:**

WB 1:5000-1:50000

IF/ICC 1:400-1:1600

## Applications

**Tested Applications:**

WB, IF/ICC, ELISA

**Species Specificity:**

human, mouse, pig

**Positive Controls:**

WB : NIH/3T3 cells, U2OS cells, LNCaP cells, HeLa cells, HEK-293 cells, Jurkat cells

IF/ICC : HeLa cells,

## Background Information

### 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:

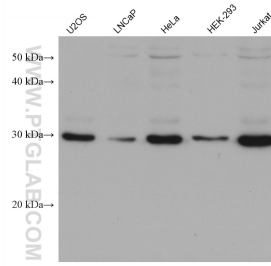
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

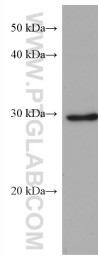
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68824-1-Ig (EIF2B1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 68824-1-Ig (EIF2B1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.

Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using EIF2B1 antibody (68824-1-Ig, Clone: 1H6A3) at dilution of 1:800 and Multi-rAb CoraLite® Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002).