

A9721

Leader in Biomolecular Solutions for Life Science



eEF2 Rabbit mAb

Catalog No.: A9721

Recombinant

2 Publications

Basic Information

Observed MW

100kDa

Calculated MW

95kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse,Rat

CloneNo number

ARC1717

Background

This gene encodes a member of the GTP-binding translation elongation factor family. This protein is an essential factor for protein synthesis. It promotes the GTP-dependent translocation of the nascent protein chain from the A-site to the P-site of the ribosome. This protein is completely inactivated by EF-2 kinase phosphorylation.

Recommended Dilutions

WB 1:1000 - 1:6000

IHC-P 1:100 - 1:1000

IF/ICC 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

1938

Swiss Prot

P13639

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 759-858 of human eEF2 (P13639).

Synonyms

EF2; EF-2; EEF-2; SCA26; eEF2

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

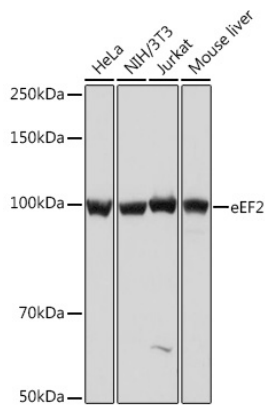
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Contact



www.abclonal.com

Validation Data



Western blot analysis of various lysates using eEF2 Rabbit mAb (A9721) at 1:1000 dilution.

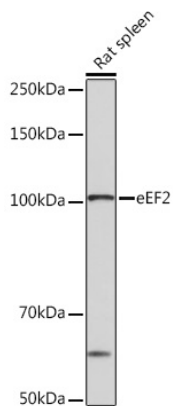
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.



Western blot analysis of lysates from Rat spleen, using eEF2 Rabbit mAb (A9721) at 1:1000 dilution.

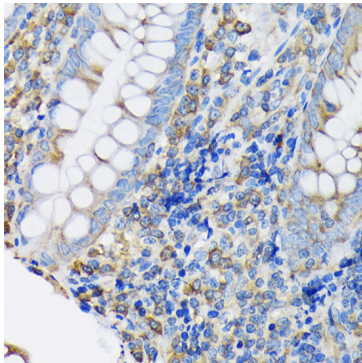
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

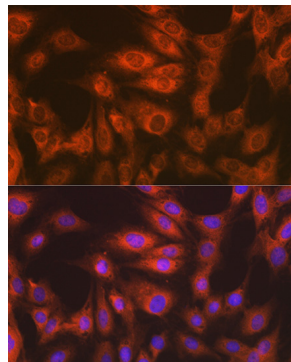
Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.



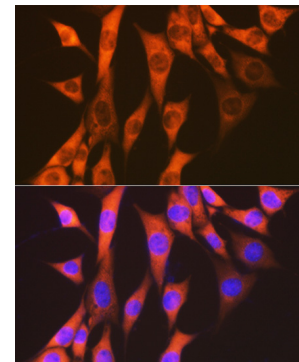
Immunohistochemistry analysis of paraffin-embedded Human appendix using eEF2 Rabbit mAb (A9721) at dilution of 1:100 (40x lens).

Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



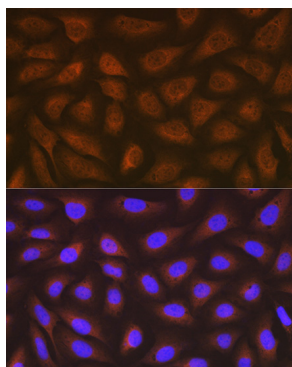
Immunofluorescence analysis of C6 cells using eEF2 Rabbit mAb (A9721) at dilution of 1:100 (40x lens).

Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using eEF2 Rabbit mAb (A9721) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

Validation Data



Immunofluorescence analysis of U-2 OS cells using eEF2 Rabbit mAb (A9721) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.