Product Datasheet

EEF2 Rabbit mAb

Catalog No: #56272

Package Size: #56272-1 50ul #56272-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	EEF2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human;Mouse;Rat
Specificity	EEF2 Antibody detects endogenous levels of total EEF2
Immunogen Description	A synthesized peptide derived from human EEF2
Conjugates	Unconjugated
Other Names	EEF 2; Eef2; EF-2; EF2; Elongation factor 2; Polypeptidyl tRNA translocase; SCA26;
Accession No.	Uniprot:P13639
Calculated MW	95kDa
SDS-PAGE MW	95kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB:1:1000~1:5000

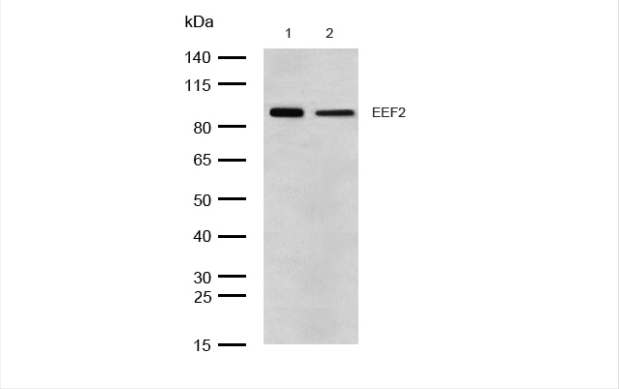
IHC:1:50~1:200

ICC/IF:1:50~1:200

IP:1:20

FC:1:50

Images



All lanes: EEF2 Rabbit mAb at 1/1k dilution

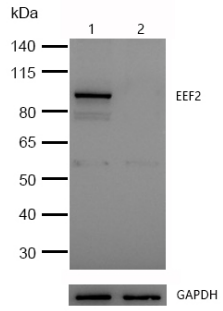
Lane 1 : A431 whole cell lysates Lane 2 : 3T3 whole cell lysates

Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 95 kDa
Observed band size: 95 kDa

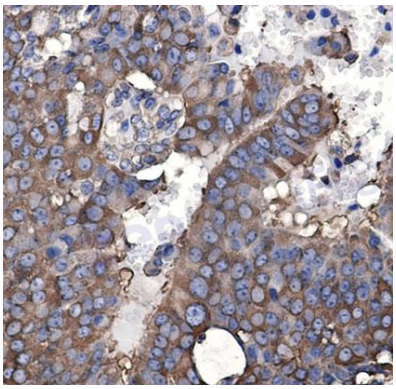
Exposure time: 8 seconds



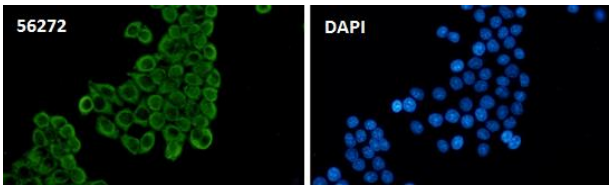
All lanes:EEF2 Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type Hela cell lysate
Lane 2 : EEF2 knockdown Hela cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human breast cancer tissue stained for EEF2 using 56272 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence EEF2 antibody (56272) ICC/IF staining of EEF2 in Hela cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 56272 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

Product Description

Catalyzes the GTP-dependent ribosomal translocation step during translation elongation. During this step, the ribosome changes from the pre-translocational (PRE) to the post-translocational (POST) state as the newly formed A-site-bound peptidyl-tRNA and P-site-bound deacylated tRNA move to the P and E sites, respectively.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.