
Product Name: Elongation factor 2 Rabbit Monoclonal Antibody**Catalog #: AMRe02979**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.53mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50
Molecular Weight	Calculated MW: 95 kDa; Observed MW: 95 kDa

Antigen Information

Gene Name	EEF2
Alternative Names	EEF2; EF2; Elongation factor 2; EF-2
Gene ID	1938
SwissProt ID	P13639
Immunogen	A synthetic peptide corresponding to target protein

Background

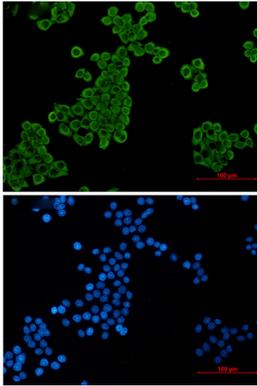
Catalyzes the GTP-dependent ribosomal translocation step during translation elongation. During this step, the ribosome changes from the pre-translocational (PRE) to the post-translocational (POST) state as the newly formed A-site-bound

peptidyl-tRNA and P-site-bound deacylated tRNA move to the P and E sites, respectively.

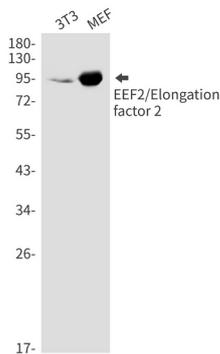
Research Area

Epigenetics and Nuclear Signaling

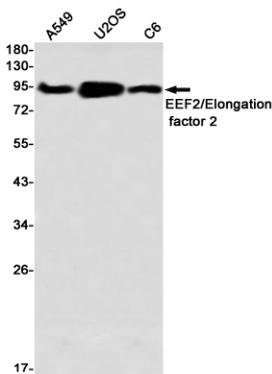
Image Data



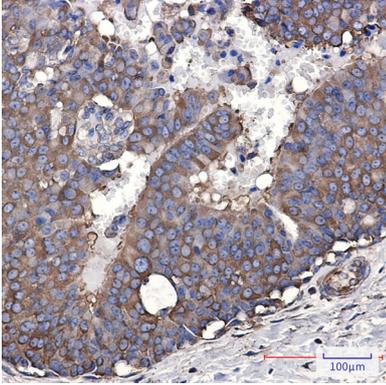
Immunocytochemistry analysis of Elongation factor 2 (green) in HeLa using Elongation factor 2 antibody, and DAPI (blue).



Western blot analysis of EEF2/Elongation factor 2 in 3T3, MEF lysates using EEF2/Elongation factor 2 antibody.



Western blot analysis of EEF2/Elongation factor 2 in A549, U2OS, C6 lysates using EEF2/Elongation factor 2 antibody



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using EEF2/Elongation factor 2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.