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

Summary

Production Name	Elongation factor 2 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	EEF2
Alternative Names	EEF2; EF2; Elongation factor 2; EF-2
Gene ID	1938
SwissProt ID	P13639

Application

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

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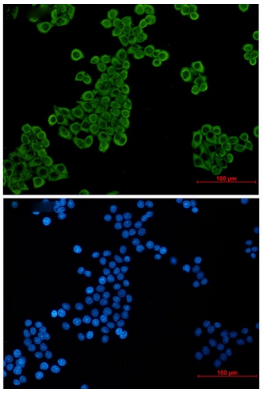
Background

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.

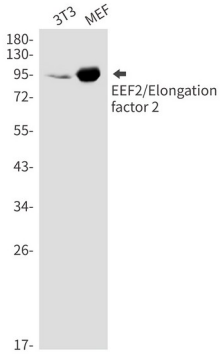
Research Area

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.

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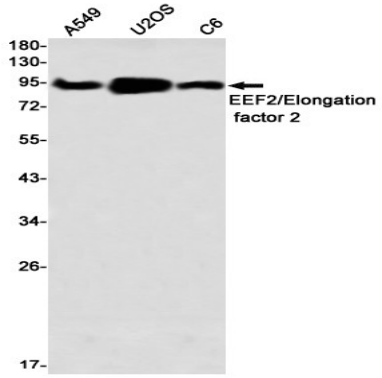
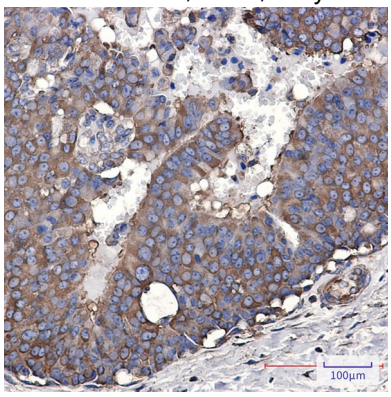


Western blot analysis of EEF2/Elongation factor 2 in A549, U2OS, C6 lysates using EEF2/Elongation factor 2 antibody



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.

Note

For research use only.