

**Product Name: Elongation factor 2 (4B3) Mouse
Monoclonal Antibody
Catalog #: AMM03456**

Summary

Production Name	Elongation factor 2 (4B3) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB,ICC/IF,ChIP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2b
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	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
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 IF: 1/50-1/200 ChIP: 1/20
Molecular Weight	Calculated MW: 95 kDa; Observed MW: 95 kDa

Background

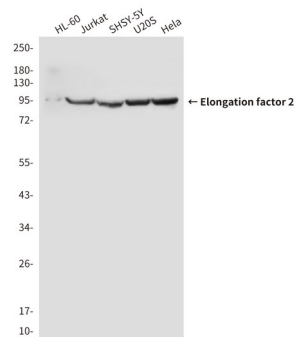
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Catalyzes the GTP-dependent ribosomal translocation step during translation elongation. During this step, the ribosome changes from the pre-translocational (PRE) to the post-translocational (POST) state as the newly formed A-site-bound peptidyl-tRNA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

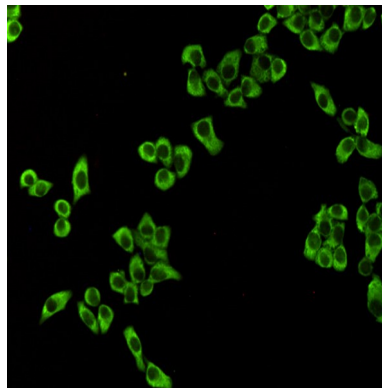
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of eEF2 in HL-60, Jurkat, SH-SY5Y, U20S and HeLa lysates using eEF2 antibody.



Immunocytochemistry analysis of Elongation factor 2 (4B3) in HeLa using eEF2 antibody.

Note

For research use only.