

Product Name: eIF2A (2E4F5) Mouse Monoclonal Antibody
Catalog #: AMM03538

Summary

Production Name	eIF2A (2E4F5) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB,ICC/IF,IP
Reactivity	Human,Mouse,Rat

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	EIF2S1
Alternative Names	EIF2S1; EIF2A; Eukaryotic translation initiation factor 2 subunit 1; Eukaryotic translation initiation factor 2 subunit alpha; eIF-2-alpha; eIF-2A; eIF-2alpha
Gene ID	1965
SwissProt ID	P05198

Application

Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20
Molecular Weight	Calculated MW: 36 kDa; Observed MW: 36 kDa

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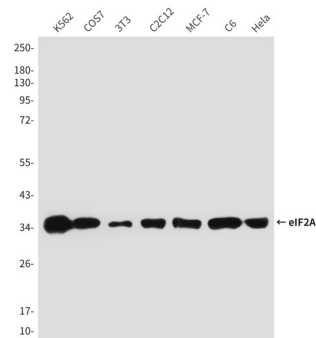
Background

eIF2A a translation initiation factor that functions in the early steps of protein synthesis by forming a ternary complex with GTP and initiator tRNA. This complex binds to a 40s ribosomal subunit, followed by mRNA binding to form a 43S preinitiation complex.

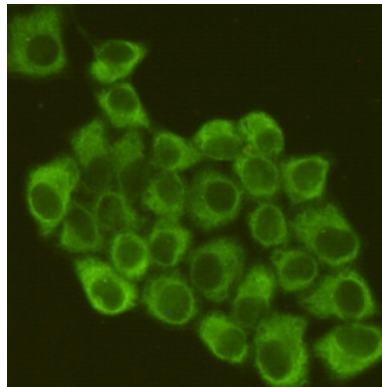
Research Area

Epigenetics and Nuclear Signaling

Image Data

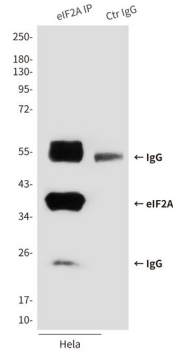


Western blot analysis of eIF2 α in K562, COS7, 3T3, C2C12, MCF-7, C6 and HeLa lysates using eIF2 α antibody.



Immunofluorescence analysis of eIF2A (2E4F5) in HeLa using eIF2 α antibody.

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Immunoprecipitation analysis of eIF2A (2E4F5) in HeLa lysates using eIF2 α antibody.

Note

For research use only.