

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

Summary

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

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2b
Clonality	Monoclonal
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 Purification

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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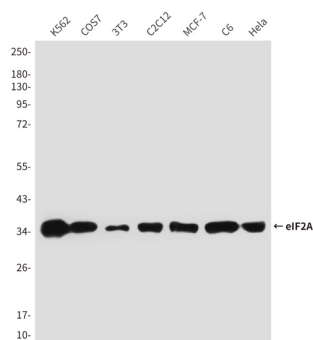
Background

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.

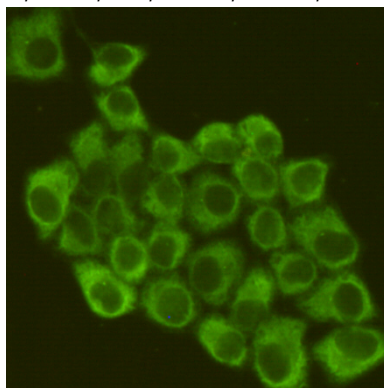
Research Area

Epigenetics and Nuclear Signaling

Image Data

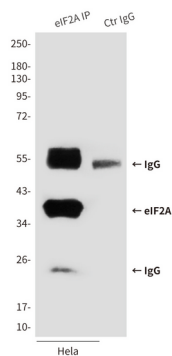


Western blot analysis of eIF2α in K562, COS7, 3T3, C2C12, MCF-7, C6 and HeLa lysates using eIF2α antibody.



Immunofluorescence analysis of eIF2A (2E4F5) in HeLa using eIF2α antibody.

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

Note

For research use only.