

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

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ICC/IF,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2b
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

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

Antigen Information

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
Immunogen	A synthetic peptide corresponding to target protein

Background

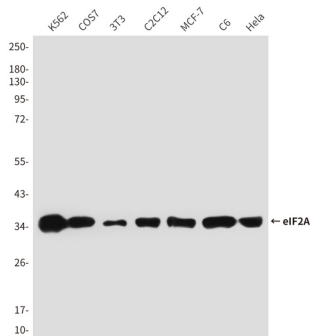
eIF2A a translation initiation factor that functions in the early steps of protein synthesis by forming a ternary complex with GTP

and initiator tRNA. This complex binds to a 40s ribosomal subunit, followed by mRNA binding to form a 43S preinitiation complex.

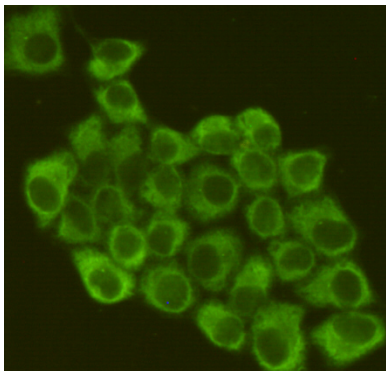
Research Area

Epigenetics and Nuclear Signaling

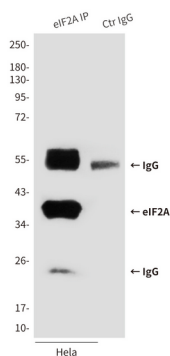
Image Data



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.



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