

Product Name: eIF2A Mouse Monoclonal Antibody**Catalog #: AMM84996**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ICC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse 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	Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ICC 1:50-1:200,IP 1:10-1:20
Molecular Weight	Calculated MW: 36 kDa; Observed MW: 36 kDa

Antigen Information

Gene Name	eIF2A
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	1965.0
SwissProt ID	P05198
Immunogen	Purified recombinant human eIF2α protein fragments expressed in E.coli.

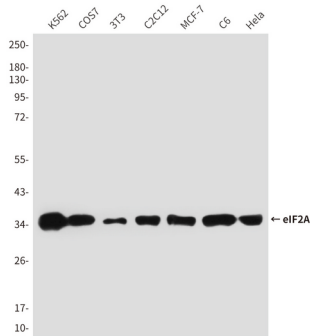
Background

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

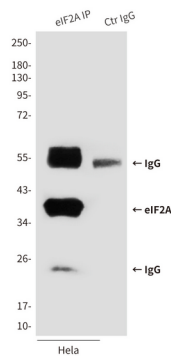
complex.

Research Area

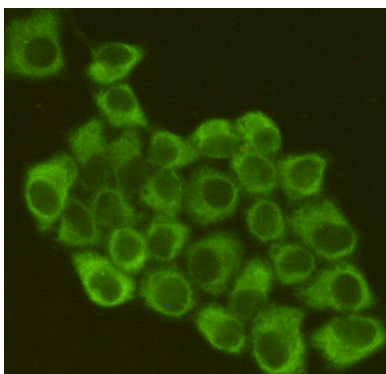
Image Data



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



Immunoprecipitation analysis of eIF2A in HeLa lysates using eIF2α antibody.



Immunofluorescence analysis of eIF2A in HeLa using eIF2α antibody.