

## eIF2A Rabbit mAb

Catalog No: #52261

Package Size: #52261-1 50ul #52261-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

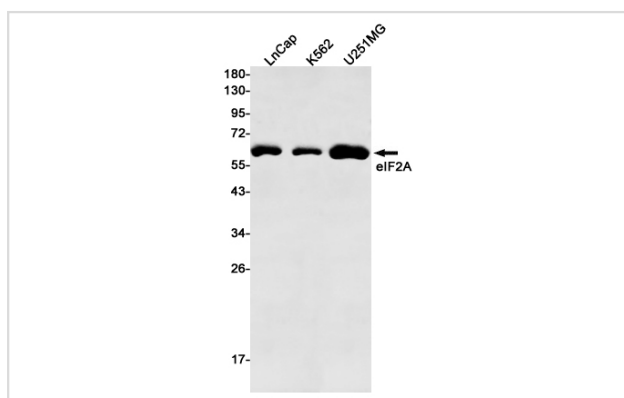
## Description

Product Name	eIF2A Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S08-8E2
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human eIF2A
Conjugates	Unconjugated
Modification	Unmodification
Other Names	CDA02; EIF-2A; MST089; MSTP004; MSTP089
Accession No.	Swiss-Prot:Q9BY44GeneID:83939
Uniprot	Q9BY44
GeneID	83939
Calculated MW	Calculated MW: 65 kDa; Observed MW: 65 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Application Details

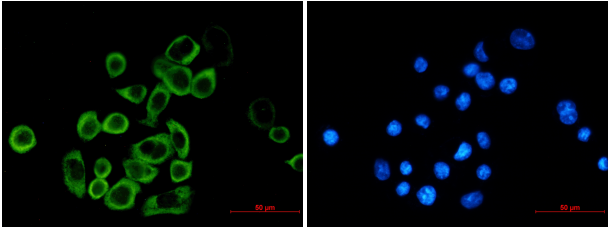
WB: 1/1000; ICC/IF: 1/20

## Images



Western blot detection of eIF2A in LnCap, K562, U251MG cell lysates using eIF2A Rabbit mAb (1:500 diluted). Predicted band size: 65 kDa. Observed band size: 65 kDa.

Immunofluorescence of eIF2A (green) in MCF-7 using eIF2A antibody at dilution 1/20, and DAPI(blue)



## Background

Swiss-Prot Acc.Q9BY44.Functions in the early steps of protein synthesis of a small number of specific mRNAs. Acts by directing the binding of methionyl-tRNA<sub>i</sub> to 40S ribosomal subunits. In contrast to the eIF-2 complex, it binds methionyl-tRNA<sub>i</sub> to 40S subunits in a codon-dependent manner, whereas the eIF-2 complex binds methionyl-tRNA<sub>i</sub> to 40S subunits in a GTP-dependent manner.

Note: This product is for in vitro research use only