eIF2A Monoclonal Antibody | anti-eIF2A antibody

eIF2A Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314348	**Recombinant Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Western Blot**

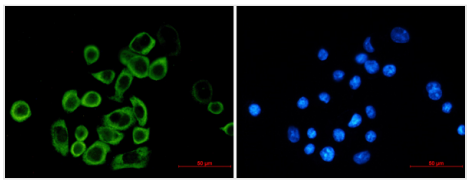
PRODUCT SYNONYMS

eIF2A; Monoclonal Antibody; eIF2A Rabbit mAb; CDA02; EIF-2A; MST089; MSTP004; MSTP089; anti-eIF2A antibody

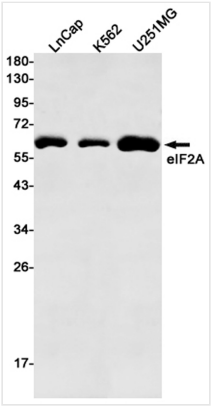
PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S08-8E2
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-eIF2A antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide of human eIF2A
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



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



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

ADDITIONAL INFORMATION

Related Product Information for anti-eIF2A antibody	Functions in the early steps of protein synthesis of a small number of specific mRNAs. Acts by directing the binding of methionyl-tRNAi to 40S ribosomal subunits. In contrast to the eIF-2 complex, it binds methionyl-tRNAi to 40S subunits in a codon-dependent manner, whereas the eIF-2 complex binds methionyl-tRNAi to 40S subunits in a GTP-dependent manner.
Product Categories/Family for anti-eIF2A antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	54873624
NCBI GeneID	83939
NCBI Accession #	NP_114414.2
NCBI GenBank Nucleotide #	NM_032025.3
UniProt Accession #	Q9BY44; Q5QTR2; Q7Z4E9; Q8NFM1; Q96EW9; Q96K81; A8MPS6; D3DNI9
Molecular Weight	64,990 Da
NCBI Official Full Name	eukaryotic translation initiation factor 2A
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 2A, 65kDa
NCBI Official Symbol	EIF2A
NCBI Official Synonym Symbols	CDA02; EIF-2A; MST089; MSTP004; MSTP089
NCBI Protein Information	eukaryotic translation initiation factor 2A; 65 kDa eukaryotic translation initiation factor 2A
UniProt Protein Name	Eukaryotic translation initiation factor 2A
UniProt Gene Name	**EIF2A**
UniProt Synonym Gene Names	eIF-2A
UniProt Entry Name	EIF2A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/eif2a-antibody-clone-s08-8e2-immunofluorescence-western-blot-elisa/314348