

eIF2 alpha Recombinant Antibody | eIF2alpha recombinant antibody

Recombinant Anti-eIF2 alpha Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266420	Rabbit	Human, Mouse	Immunocytochemistry, Immunofluorescence, Western Blot

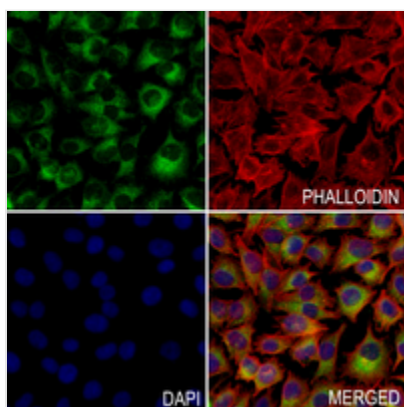
PRODUCT SYNONYMS

eIF2 alpha; Monoclonal Recombinant Antibody; Recombinant Anti-eIF2 alpha Rabbit mAb; Eukaryotic translation initiation factor 2A; eIF-2A; 65 kDa eukaryotic translation initiation factor 2A; eIF2alpha recombinant antibody

PRODUCT SPECIFICATIONS

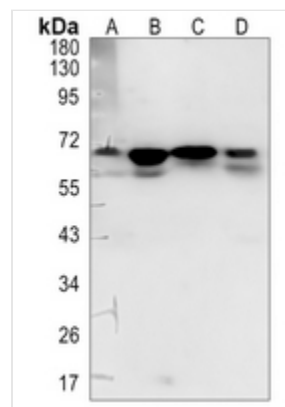
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of eIF2 alpha protein
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS, pH7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Applicable Applications for eIF2alpha recombinant antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human eIF2 alpha protein. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of eIF2 alpha staining in A375 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of eIF2 alpha expression in K562 (A), MCF7 (B), Hela (C), mouse liver (D) whole cell lysates. (Predicted band size: 64 kD; Observed band size: 65 kD)

ADDITIONAL INFORMATION

Related Product Information for eIF2alpha recombinant antibody	Recombinant rabbit monoclonal antibody to eIF2 alpha
Product Categories/Family for eIF2alpha recombinant 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; Q8BJW6
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/eif2-alpha-recombinant-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/266420>