Mouse anti-Human EIF2S1 Monoclonal Antibody | anti-EIF2S1 antibody

EIF2S1 (Eukaryotic Translation Initiation Factor 2, Subunit 1 alpha, eIF2 alpha, eIF-2-alpha, eIF-2A, eIF-2alpha, EIF2A, Eukaryotic Translation Initiation Factor 2 Subunit 1) (PE)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25675	**Mouse**	**Human**	**ELISA, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

EIF2S1; Monoclonal Antibody; EIF2S1 (Eukaryotic Translation Initiation Factor 2; Subunit 1 alpha; eIF2 alpha; eIF-2-alpha; eIF-2A; eIF-2alpha; EIF2A; Eukaryotic Translation Initiation Factor 2 Subunit 1) (PE); anti-EIF2S1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3H12-C11
Specificity	Recognizes human EIF2S1.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Applicable Applications for anti-EIF2S1 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-315 from human EIF2S1 (AAH02513.1) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MPGLSCRFYQHKFPEVEDVVMVNVRSIAEMGAYVSLLEYNNIEGMILLSELSRRRIRSINKLIRIGRNECVVVIRVDKEKGYIDLSKRRVSPEEAIKCEDKFTK
Conjugate	PE
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo

IMAGES

WB (Western Blot)
EIF2S1 monoclonal antibody, Western Blot analysis of EIF2S1 expression in HeLa.

WB (Western Blot)
EIF2S1 monoclonal antibody. Western Blot analysis of EIF2S1 expression in Hela NE.

WB (Western Blot)
Western blot analysis of EIF2S1 over-expressed 293 cell line, cotransfected with EIF2S1 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with EIF2S1 monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.

Application Data
Detection limit for recombinant GST tagged EIF2S1 is ~0.3ng/ml as a capture antibody.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to EIF2S1 on HeLa cell. [antibody concentration 10ug/ml].

WB (Western Blot)
Western Blot analysis of EIF2S1 expression in transfected 293T cell line by EIF2S1 monoclonal antibody. Lane 1: EIF2S1 transfected lysate (36.1kD). Lane 2: Non-transfected lysate.

ADDITIONAL INFORMATION

Product Categories/Family for anti-EIF2S1 antibody	Antibodies; Translation Initiation Factors
References	1. IGF2BP1 enhances HCV IRES-mediated translation initiation via the 3'UTR. Weinlich S, Huttelmaier S, Schierhorn A, Behrens SE, Ostareck-Lederer A, Ostareck DH.RNA. 2009 Aug;15(8):1528-42. Epub 2009 Jun 18.

NCBI AND UNIPROT INFORMATION

NCBI GI #	33876800
NCBI GeneID	1965
Molecular Weight	36,112 Da
NCBI Official Full Name	Homo sapiens eukaryotic translation initiation factor 2, subunit 1 alpha, 35kDa, mRNA
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 2, subunit 1 alpha, 35kDa
NCBI Official Symbol	EIF2S1
NCBI Official Synonym Symbols	EIF2; EIF-2; EIF2A; EIF-2A; EIF-2alpha
NCBI Protein Information	eukaryotic translation initiation factor 2 subunit 1; eIF-2-alpha; eukaryotic translation initiation factor 2 subunit alpha

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/eif2s1-antibody-clone-3h12-c11-immunofluorescence-western-blot-elisa/25675