Mouse EIF2S2 Monoclonal Antibody | anti-EIF2S2 antibody

EIF2S2 (EIF2B, Eukaryotic Translation Initiation Factor 2 Subunit 2, Eukaryotic Translation Initiation Factor 2 Subunit beta, DKFZp686L18198, EIF2Beta, MGC8508) (PE)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25676	**Mouse**	**Human, Mouse, Rat**	**ELISA, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

EIF2S2; Monoclonal Antibody; EIF2S2 (EIF2B; Eukaryotic Translation Initiation Factor 2 Subunit 2; Eukaryotic Translation Initiation Factor 2 Subunit beta; DKFZp686L18198; EIF2Beta; MGC8508) (PE); anti-EIF2S2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	2F3
Specificity	Recognizes human EIF2S2. Species Crossreactivity: mouse and rat.
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-EIF2S2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IHC-P: 3ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa1-101 from human EIF2S2 (NP_003899) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MSGDEMIFDPTMSKKKKKKKKPFMLDEEGDTQTEETQPSETKEVEPEPTEDKDLEADEEDTRKKDASDDLDDLNFFNQKKKKKKTKKIFDIDEAEEGVKD
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 amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

IMAGES

WB (Western Blot)
EIF2S2 monoclonal antibody. Western Blot analysis of EIF2S2 expression in HeLa.

WB (Western Blot)
EIF2S2 monoclonal antibody. Western Blot analysis of EIF2S2 expression in PC-12.

Application Data
Detection limit for recombinant GST tagged EIF2S2 is 0.3ng/ml as a capture antibody.

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to EIF2S2 on formalin-fixed paraffin-embedded human pancreatic cancer. [antibody concentration 3ug/ml].

WB (Western Blot)
Western Blot analysis of EIF2S2 expression in transfected 293T cell line by EIF2S2 monoclonal antibody. Lane 1: EIF2S2 transfected lysate (38.4kD). Lane 2: Non-transfected lysate.

WB (Western Blot)
EIF2S2 monoclonal antibody. Western Blot analysis of EIF2S2 expression in NIH/3T3.

ADDITIONAL INFORMATION

Product Categories/Family for anti-EIF2S2 antibody	Antibodies; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	29826335
NCBI GeneID	8894
NCBI Accession #	NP_003899.2
NCBI GenBank Nucleotide #	NM_003908
UniProt Accession #	P20042; Q9BVU0; Q9UJE4
Molecular Weight	38,388 Da
NCBI Official Full Name	eukaryotic translation initiation factor 2 subunit 2
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 2, subunit 2 beta, 38kDa
NCBI Official Symbol	EIF2S2
NCBI Official Synonym Symbols	EIF2; EIF2B; PPP1R67; EIF2beta; eIF-2-beta
NCBI Protein Information	eukaryotic translation initiation factor 2 subunit 2; protein phosphatase 1, regulatory subunit 67; eukaryotic translation initiation factor 2 subunit beta
UniProt Protein Name	Eukaryotic translation initiation factor 2 subunit 2
UniProt Gene Name	**EIF2S2**
UniProt Synonym Gene Names	EIF2B; eIF-2-beta
UniProt Entry Name	IF2B_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/eif2s2-antibody-clone-2f3-immunohistochemistry-western-blot-elisa/25676