Mouse EIF4G1 Monoclonal Antibody | anti-EIF4G1 antibody

EIF4G1 (Eukaryotic Translation Initiation Factor 4 gamma 1, eIF-4-gamma 1, eIF-4G 1, eIF-4G1, p220, EIF4G1, EIF4F, EIF4G, EIF4GI) (PE)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25677	**Mouse**	**Human, Mouse, Rat**	**ELISA, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

EIF4G1; Monoclonal Antibody; EIF4G1 (Eukaryotic Translation Initiation Factor 4 gamma 1; eIF-4-gamma 1; eIF-4G 1; eIF-4G1; p220; EIF4F; EIF4G; EIF4GI) (PE); anti-EIF4G1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	2A9
Specificity	Recognizes human EIF4G1. 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-EIF4G1 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa1500-1599 from human EIF4G1 (NP_886553) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	DVAVLKARAKLLQKYLCDEQKELQALYALQALVVTLEQPPNLLRMFFDALYDEDVVKEDAFYSWESSKDPAEQQGKGVALKSVTAFFKWLREAEEESDH
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 recover of product, centrifuge the original vial prior to removing the cap.

IMAGES

WB (Western Blot)
EIF4G1 monoclonal antibody. Western Blot analysis of EIF4G1 expression in NIH/3T3.

WB (Western Blot)
EIF4G1 monoclonal antibody, Western Blot analysis of EIF4G1 expression in HepG2.

Application Data
Detection limit for recombinant GST tagged EIF4G1 is ~0.03ng/ml as a capture antibody.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to EIF4G1 on HeLa cell. [antibody concentration 10ug/ml].

WB (Western Blot)
Western Blot analysis of EIF4G1 expression in transfected 293T cell line by EIF4G1 monoclonal antibody. Lane 1: EIF4G1 transfected lysate (70.95kD). Lane 2: Non-transfected lysate.

WB (Western Blot)
EIF4G1 monoclonal antibody. Western Blot analysis of EIF4G1 expression in PC-12.

ADDITIONAL INFORMATION

Product Categories/Family for anti-EIF4G1 antibody	Antibodies; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	302699237
NCBI GeneID	1981
NCBI Accession #	NP_886553
NCBI GenBank Nucleotide #	NM_182917
UniProt Accession #	Q04637
Molecular Weight	175kDa
NCBI Official Full Name	eukaryotic translation initiation factor 4 gamma 1 isoform 1
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 4 gamma 1
NCBI Official Symbol	EIF4G1
NCBI Official Synonym Symbols	P220; EIF4F; EIF4G; EIF4GI; PARK18; EIF-4G1
NCBI Protein Information	eukaryotic translation initiation factor 4 gamma 1
UniProt Protein Name	Eukaryotic translation initiation factor 4 gamma 1
UniProt Gene Name	**EIF4G1**
UniProt Synonym Gene Names	EIF4F; EIF4G; EIF4GI; eIF-4-gamma 1; eIF-4G 1; eIF-4G1
UniProt Entry Name	IF4G1_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/eif4g1-antibody-clone-2a9-immunofluorescence-western-blot-elisa/25677