Mouse EIF2AK2 Monoclonal Antibody | anti-EIF2AK2 antibody

EIF2AK2 (Eukaryotic Translation Initiation Factor 2-alpha Kinase 2, EIF2AK1, MGC126524, PKR, PRKR) (PE)

CATALOG #	HOST	APPLICATIONS
AAA26594	**Mouse**	**Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

EIF2AK2; Monoclonal Antibody; EIF2AK2 (Eukaryotic Translation Initiation Factor 2-alpha Kinase 2; EIF2AK1; MGC126524; PKR; PRKR) (PE); Eukaryotic Translation Initiation Factor 2-alpha Kinase 2; PRKR; anti-EIF2AK2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1D11
Specificity	Recognizes EIF2AK2.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Applicable Applications for anti-EIF2AK2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	EIF2AK2 (NP_002750, 1aa-100aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
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

Application Data
Detection limit for recombinant GST tagged EIF2AK2 is approximately 0.03ng/ml as a capture antibody.

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to EIF2AK2 on formalin-fixed paraffin-embedded human adrenal gland. [antibody concentration 1.5 ug/ml]

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to EIF2AK2 on formalin-fixed paraffin-embedded human adrenal gland. [antibody concentration 1.5 ug/ml]

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to EIF2AK2 on HeLa cell. [antibody concentration 30 ug/ml]

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to EIF2AK2 on HeLa cell. [antibody concentration 30 ug/ml]

WB (Western Blot)
EIF2AK2 monoclonal antibody (M02), clone 1D11 Western Blot analysis of EIF2AK2 expression in K-562 (Cat # L009V1).

ADDITIONAL INFORMATION

Related Product Information for anti-EIF2AK2 antibody	Mouse monoclonal antibody raised against a partial recombinant EIF2AK2.
Product Categories/Family for anti-EIF2AK2 antibody	Antibodies; Translation Initiation Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506103
NCBI GeneID	5610
NCBI Accession #	NP_002750
NCBI GenBank Nucleotide #	NM_002759
UniProt Accession #	P19525
Molecular Weight	62kDa
NCBI Official Full Name	interferon-induced, double-stranded RNA-activated protein kinase isoform a
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 2 alpha kinase 2
NCBI Official Symbol	EIF2AK2
NCBI Official Synonym Symbols	PKR; PRKR; EIF2AK1; PPP1R83
NCBI Protein Information	interferon-induced, double-stranded RNA-activated protein kinase
UniProt Protein Name	Interferon-induced, double-stranded RNA-activated protein kinase
UniProt Gene Name	**EIF2AK2**
UniProt Synonym Gene Names	PKR; PRKR; eIF-2A protein kinase 2; PKR
UniProt Entry Name	E2AK2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/eif2ak2-antibody-clone-1d11-immunofluorescence-immunohistochemistry-western-blot-elisa/26594