Mouse EPN2 Monoclonal Antibody | anti-EPN2 antibody

EPN2 antibody

CATALOG #	HOST	APPLICATIONS
AAA107243	**Mouse**	**Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay, Immunofluorescence**

PRODUCT SYNONYMS

EPN2; Monoclonal Antibody; EPN2 antibody; Monoclonal EPN2; Anti-EPN2; EHB21; KIAA1065; EPN 2; EPN-2; anti-EPN2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1B4
Purity/Purification	EPN2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.5-1 mg/ml (varies by lot)
Sequence Length	61
Applicable Applications for anti-EPN2 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), IF (Immunofluorescence)
Biological Significance	This gene encodes a protein which interacts with clathrin and adaptor-related protein complex 2, alpha 1 subunit. The protein is found in a brain-derived clathrin-coated vesicle fraction and localizes to the peri-Golgi region and the cell periphery. The protein is thought to be involved in clathrin-mediated endocytosis.
Cross-Reactivity	Human
Immunogen	EPN2 antibody was raised in Mouse using full length human recombinant protein of human EPN2 produced in HEK293T cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant EPN2 protein using EPN2 antibody

IHC (Immunohistochemisry)
Immunohistochemical analysis of EPN2 protein in paraffin embedded Carcinoma of Human lung tissue using EPN2 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant EPN2 protein (Right) or empty vector (Left) detected with EPN2 antibody

FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of Jurkat cells using EPN2 antibody (Red), compared to a nonspecific negative control antibody (Blue).

ADDITIONAL INFORMATION

Related Product Information for anti-EPN2 antibody	Mouse monoclonal EPN2 antibody
Product Categories/Family for anti-EPN2 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	47125263
NCBI GeneID	22905
UniProt Accession #	O95208; O95207; Q52LD0; Q9H7Z2; Q9UPT7; A8MTV8; B3KRX8; E9PBC2
Molecular Weight	36,729 Da
NCBI Official Full Name	EPN2 protein
NCBI Official Synonym Full Names	epsin 2
NCBI Official Symbol	EPN2
NCBI Official Synonym Symbols	EHB21
NCBI Protein Information	epsin-2
UniProt Protein Name	Epsin-2
UniProt Gene Name	**EPN2**
UniProt Synonym Gene Names	KIAA1065
UniProt Entry Name	EPN2_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/epn2-antibody-clone-1b4-western-blot-immunohistochemistry-flow-cytometry-immunofluorescence-elisa/107243