

Mouse anti-Human ERLIN1 Monoclonal Antibody | anti-ERLIN1 antibody

ERLIN1 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62385	Mouse	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

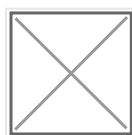
PRODUCT SYNONYMS

ERLIN1; Monoclonal Antibody; ERLIN1 Mouse mAb; Band_7 23-211 Keo4 (Interim) similar to C.elegans protein C42C1.9; C10orf69; Endoplasmic reticulum lipid raft-associated protein 1; Erlin-1; KE04; KEO4; member 1; Protein KE04; Protein KE04 homolog; SPFH domain family; SPFH domain-containing protein 1; SPFH1; Stomatin-prohibitin-flotillin-HflC/K domain-containing protein 1; 2810439N09Rik; C80197; RGD1307058; SPG62; anti-ERLIN1 antibody

PRODUCT SPECIFICATIONS

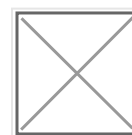
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Sequence Length	348
Applicable Applications for anti-ERLIN1 antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human ERLN1
Preparation and Storage	Store at -20 degree C. Stable for one year from the date of shipment.

IMAGES



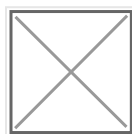
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 2% paraformaldehyde-fixed Jurkat (Human T cell leukemia cells from peripheral blood) cells labeling ERLN1 with M25096 at 1/200 dilution (red) compared with a mouse monoclonal IgG isotype control (black) and an unlabelled control (cells without incubation with primary antibody, blue). Goat anti-mouse IgG (FITC) at 1/300 dilution was used as the secondary antibody.



IP (Immunoprecipitation)

ERLIN1 was immunoprecipitated from 1mg of Jurkat cells membrane fraction, blotted with M25096 of 10 ug. Western blot was performed from the immunopre-cipitate using M25096 at 1/1000 dilution. Anti-Mouse-IgG(HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/10000 dilution. Lane 1: Jurkat cells membrane fraction. Lane2: IP product of Jurkat cells membrane fraction.Predicted band size : 39 KDaObserved band size : 39 KDaBlocking and dilution buffer and concentration:5% milk/TBST.



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-ERLIN1 antibody

Component of the ERLIN1, ERLIN2 complex which mediates the endoplasmic reticulum-associated degradation (ERAD) of inositol 1, 4, 5-trisphosphate receptors (IP3Rs). Involved in regulation of cellular cholesterol homeostasis by regulation the SREBP signaling pathway. Binds cholesterol and may promote ER retention of the SCAP-SREBF complex.

Product Categories/Family for anti-
ERLIN1 antibody

Cell Marker; Subcellular Marker; Membrane

NCBI AND UNIPROT INFORMATION

NCBI GI #	154800489
NCBI GeneID	10613
NCBI Accession #	NP_001094096.1
NCBI GenBank Nucleotide #	NM_001100626.1
UniProt Accession #	O75477; Q53HV0; B0QZ42
Molecular Weight	Predicted MW: 39kDa
NCBI Official Full Name	erlin-1 isoform a
NCBI Official Synonym Full Names	ER lipid raft associated 1
NCBI Official Symbol	ERLIN1
NCBI Official Synonym Symbols	KE04; KEO4; SPFH1; SPG62; Erlin-1; C10orf69
NCBI Protein Information	erlin-1
UniProt Protein Name	Erlin-1
UniProt Gene Name	ERLIN1
UniProt Synonym Gene Names	C10orf69; KE04; KEO4; SPFH1; SPFH domain-containing protein 1

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/erlin1-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62385>