

Mouse anti-Human FAM62A Monoclonal Antibody | anti-FAM62A antibody

FAM62A Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62384	Mouse	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

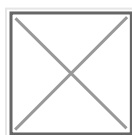
PRODUCT SYNONYMS

FAM62A; Monoclonal Antibody; FAM62A Mouse mAb; E-Syt1; extended synaptotagmin like protein 1; extended synaptotagmin protein 1; Extended synaptotagmin-1; extended synaptotagmin-like protein 1; family with sequence similarity 62 (C2 domain containing); member A; KIAA0747; MBC2; membrane bound C2 domain containing protein; Membrane-bound C2 domain-containing protein; ESYT1; anti-FAM62A antibody

PRODUCT SPECIFICATIONS

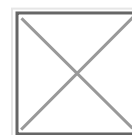
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Sequence Length	1114
Applicable Applications for anti-FAM62A antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human ESYT1
Preparation and Storage	Store at -20 degree C. Stable for one year from the date of shipment.

IMAGES



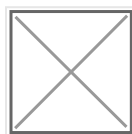
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 2% paraformaldehyde-fixed Jurkat (Human T cell leukemia cells from peripheral blood) cells labeling ESYT1 with M25097 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)

ESYT1 was immunoprecipitated from 1mg of Jurkat cells membrane fraction, blotted with M25097 of 10 ug. Western blot was performed from the immunopre-cipitate using M25097 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 : 124 KDaObserved band size : 124 KDaBlocking and dilution buffer and concentration:5% milk/TBST.



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-FAM62A antibody

Binds glycerophospholipids in a barrel-like domain and may play a role in cellular lipid transport (By similarity). Binds calcium (via the C2 domains) and translocates to sites of contact between the endoplasmic reticulum and the cell membrane in response to increased cytosolic calcium levels. Helps tether the endoplasmic reticulum to the cell membrane and promotes the formation of appositions between the endoplasmic reticulum and the cell membrane.

Product Categories/Family for anti-FAM62A antibody

Cell Marker; Subcellular Marker; Membrane

NCBI AND UNIPROT INFORMATION

NCBI GI #	296317244
NCBI GeneID	23344
NCBI Accession #	NP_001171725.1
NCBI GenBank Nucleotide #	NM_001184796.1
UniProt Accession #	Q9BSJ8; O94848; Q6PJN4; Q9H6J1; Q9H6W2; Q9Y416; A0FGR7; A8K2S2
Molecular Weight	Predicted MW: 124kDa
NCBI Official Full Name	extended synaptotagmin-1 isoform 1
NCBI Official Synonym Full Names	extended synaptotagmin 1
NCBI Official Symbol	ESYT1
NCBI Official Synonym Symbols	MBC2; FAM62A
NCBI Protein Information	extended synaptotagmin-1
UniProt Protein Name	Extended synaptotagmin-1
UniProt Gene Name	ESYT1
UniProt Synonym Gene Names	FAM62A; KIAA0747; MBC2; E-Syt1

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/fam62a-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62384>