Mouse DYNC1LI1 Monoclonal Antibody | anti-DYNC1LI1 antibody

DYNC1LI1 antibody

CATALOG #	HOST	APPLICATIONS
AAA106206	**Mouse**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

DYNC1LI1; Monoclonal Antibody; DYNC1LI1 antibody; Monoclonal DYNC1LI1; Anti-DYNC1LI1; Dynein cytoplasmi 1c light intermediate chain 1; Dynein light chain A; Dynein light intermediate chain 1 cytosolic; DLC-A; DNCLI1; DYNCLI 1; DYNCLI-1; anti-DYNC1LI1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1G9
Purity/Purification	DYNC1LI1 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	500 ug-1 mg/ml (varies by lot)
Sequence Length	523
Applicable Applications for anti-DYNC1LI1 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	DYNC1LI1 acts as one of several non-catalytic accessory components of the cytoplasmic dynein 1 complex that arethought to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function. Cytoplasmicdynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules. Mayplay a role in binding dynein to membranous organelles or chromosomes. Probably involved in the microtubule-dependent transport of pericentrin. Is required for progress throuh the spindle assembly checkpoint.
Cross-Reactivity	Human
Immunogen	DYNC1LI1 antibody was raised in mouse using a full length recombinant protein of human DYNC1LI1 (NP_057225) produced in HEK293T cells, 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

WB (Western Blot)
Western Blot analysis using DYNC1LI1 antibodyWestern Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant DYNC1LI1 protein (Right) or empty vector (Left) detected with DYNC1LI1 antibody

IF (Immunofluorescence)
Immunofluorescent staining using DYNC1LI1 antibodyImmunofluorescent staining of COS7 cells transiently transfected with recombinant DYNC1LI1 protein using DYNC1LI1 antibody

FCM/FACS (Flow Cytometry)
Flow Cytometric analysis using DYNC1LI1 antibodyFlow Cytometric analysis of HEK293T cells transfected with either recombinant DYNC1LI1 protein (red) or empty vector (blue) stained using DYNC1LI1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-DYNC1LI1 antibody	Mouse monoclonal DYNC1LI1 antibody
Product Categories/Family for anti-DYNC1LI1 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	166795297
NCBI GeneID	51143
NCBI Accession #	NP_057225
NCBI GenBank Nucleotide #	NM_016141.3
UniProt Accession #	Q9Y6G9; Q53HC8; Q53HK7; A2RRG7
Molecular Weight	56,579 Da
NCBI Official Full Name	cytoplasmic dynein 1 light intermediate chain 1
NCBI Official Synonym Full Names	dynein, cytoplasmic 1, light intermediate chain 1
NCBI Official Symbol	DYNC1LI1
NCBI Official Synonym Symbols	LIC1; DNCLI1
NCBI Protein Information	cytoplasmic dynein 1 light intermediate chain 1
UniProt Protein Name	Cytoplasmic dynein 1 light intermediate chain 1
UniProt Gene Name	**DYNC1LI1**
UniProt Synonym Gene Names	DNCLI1; LIC1; DLC-A
UniProt Entry Name	DC1L1_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/dync1li1-antibody-clone-1g9-western-blot-immunofluorescence-flow-cytometry-elisa/106206