

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

DYNLL antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48192	Mouse	Human	Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay, Western Blot, ELISA

PRODUCT SYNONYMS

DYNLL; Monoclonal Antibody; DYNLL antibody; Dynein light chain 1 cytoplasmic; DLC1; DLC8; DNCL1; DNCLC1; hdlc1; LC8; LC8a; MGC126137; MGC126138; PIN; anti-DYNLL antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b, k
Clone Number	AT13C9
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	89
Applicable Applications for anti-DYNLL antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human DYNLL (1-89aa) purified from E. coli
Clone Note	Anti-human DYNLL mAb, clone AT13C9, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human DYNLL protein.
Preparation and Storage	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

ICC/IF analysis of DYNLL in A549 cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human DYNLL antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)

The Cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human DYNLL antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1. : HeLa cell lysate Lane 2. : A549 cell lysate Lane 3. : 293T cell lysate Lane 4. : HepG2 cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-DYNLL antibody	The LC8 family members of dynein light chains (DYNLL1 and DYNLL2 in vertebrates) are highly conserved ubiquitous eukaryotic homodimer proteins that interact, besides dynein and myosin 5a motor proteins, with a large (and still incomplete) number of proteins involved in diverse biological functions.
Product Categories/Family for anti-DYNLL antibody	Apoptosis
References	Rapali P., et al. (2011) FEBS J. 278 (17): 2980-2996.; Radnai L., et al. (2010) J Biol Chem. 285 (49): 38649-38657.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505813
NCBI GeneID	8655
NCBI Accession #	NP_003737
NCBI GenBank Nucleotide #	NM_003746.2
UniProt Accession #	P63167; Q15701
NCBI Official Full Name	dynein light chain 1, cytoplasmic
NCBI Official Synonym Full Names	dynein light chain LC8-type 1
NCBI Official Symbol	DYNLL1
NCBI Official Synonym Symbols	LC8; PIN; DLC1; DLC8; LC8a; DNCL1; hdlc1; DNCLC1
NCBI Protein Information	dynein light chain 1, cytoplasmic
UniProt Protein Name	Dynein light chain 1, cytoplasmic
UniProt Gene Name	DYNLL1
UniProt Synonym Gene Names	DLC1; DNCL1; DNCLC1; HDLC1; DLC8; PIN

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.