

Name: Purified anti-DYNC1LI1 mouse monoclonal antibody, clone 2B6

Catalog: TA501601

Product Data Sheet

Gene Name: Homo sapiens dynein, cytoplasmic 1, light intermediate chain 1 (DYNC1LI1)
GeneBank accession: NM_016141
Isotype: IgG1

Reactivity: Human
Test application: WB
Clone Name: clone 2B6

Gene Synonym: DNCL11; FLJ10219; FLJ10219; dynein light chain-A; dynein, cytoplasmic, light intermediate polypeptide 1; dynein, cytoplasmic 1, light intermediate chain 1

Validation Data:

Western Blot

Guaranteed Applications: WB, IF, FC

Suggested Dilutions: WB 1:2000, IF 1:100, FLOW 1:100

Immunogen: Full length human recombinant protein of human DYNC1LI1 (NP_057225) produced in HEK293T cell.

Components:

- Purified anti-DYNC1LI1 mouse monoclonal antibody, clone 2B6 (TA501601)
- 1 vial of 20ug myc-DDK tagged DYNC1LI1 HEK293T over-expression lysate lyophilized in RIPA buffer (LY414168) (Reconstitute into 20ul of 1x SDS sample buffer before loading)
(Not available for 30ul sample size)

Amount:

TA501601-100 100 uL

Concentration: 1.00 mg/ml

Storage Condition: Shipped at 4C. Upon delivery store at -20C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

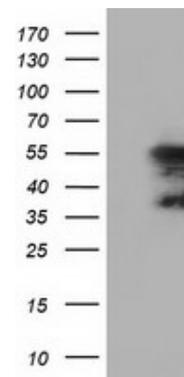
Buffer: PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

Purification:

Purified from mouse ascites fluids by affinity chromatography

Background:

Acts as one of several non-catalytic accessory components of the cytoplasmic dynein 1 complex that are thought to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function. Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules. May play a role in binding dynein to membranous organelles or chromosomes. Probably involved in the microtubule-dependent transport of pericentrin. Is required for progress through the spindle assembly checkpoint. The phosphorylated form appears to be involved in the selective removal of MAD1L1 and MAD1L2 but not BUB1B from kinetochores



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY DYNC1LI1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-DYNC1LI1.

Related Product:

TrueORF cDNA clones
 VERIFY Tagged Antigen lysates
 HuSH-29 shRNA
 Western Blot reagents
 Anti-myc/DDK tag antibodies

* Peptide sequence of the DDK-tag (Flag®): N-DYKDDDDK-C Flag® is a registered trademark of Sigma-Aldrich

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.

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