

Product datasheet for **CF501500**

Cytoplasmic dynein 1 light intermediate chain 1 (DYNC1LI1) Mouse Monoclonal Antibody [Clone ID: OTI1D1]

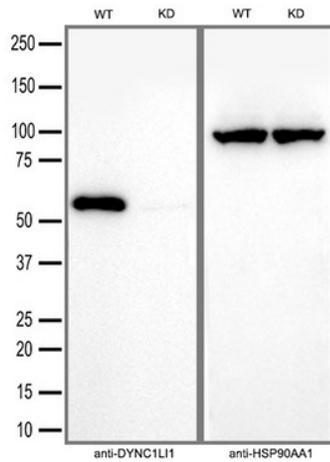
Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI1D1 |
| Applications: | FC, IF, WB |
| Recommended Dilution: | WB 1:2000, IF 1:100, FLOW 1:100 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human DYNC1LI1 (NP_057225) produced in HEK293T cell. |
| Formulation: | Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose) |
| Reconstitution Method: | For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific) |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 56.4 kDa |
| Gene Name: | dynein cytoplasmic 1 light intermediate chain 1 |
| Database Link: | NP_057225 Entrez Gene 235661 Mouse Entrez Gene 252902 Rat Entrez Gene 51143 Human Q9Y6G9 |
| Synonyms: | DLC-A; DNCL11; LIC1 |

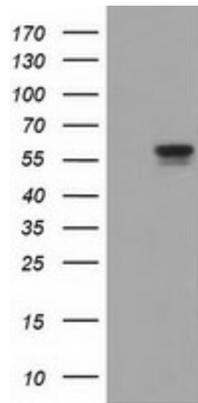


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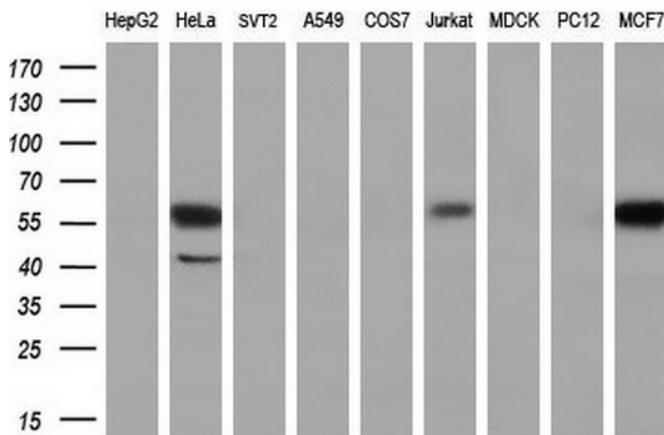
Product images:



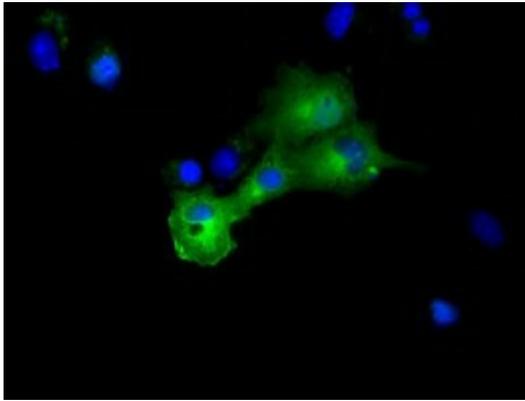
Equivalent amounts of cell lysates (30 ug per lane) of wild-type HeLa cells (WT) and DYNC1LI1-Knockdown HeLa cells (KD) were separated by SDS-PAGE and immunoblotted with anti-DYNC1LI1 monoclonal antibody [TA501500] (1:2500). Then the blotted membrane was stripped and reprobed with anti-HSP90AA1 antibody as a loading control.



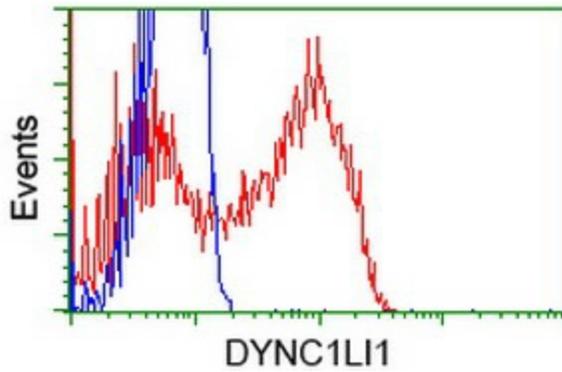
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY DYNC1LI1 ([RC222010], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-DYNC1LI1. Positive lysates [LY414168] (100ug) and [LC414168] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-DYNC1LI1 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human) (1:200).



Anti-DYNC1LI1 mouse monoclonal antibody ([TA501500]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY DYNC1LI1 ([RC222010]).



HEK293T cells transfected with either [RC222010] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-DYNC1LI1 antibody ([TA501500]), and then analyzed by flow cytometry.