

Product datasheet for **TA502789AM**

LMCD1 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI2F12]

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI2F12 |
| Applications: | FC, WB |
| Recommended Dilution: | WB 1:500, FLOW 1:100 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human LMCD1 (NP_055398) produced in HEK293T cell. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 0.5 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Biotin |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 40.7 kDa |
| Gene Name: | LIM and cysteine rich domains 1 |
| Database Link: | NP_055398 Entrez Gene 29995 Human Q9NZU5 |



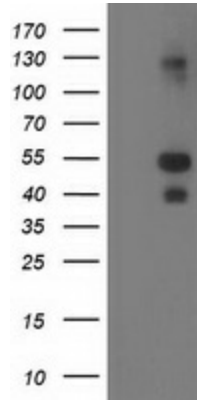
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Background:

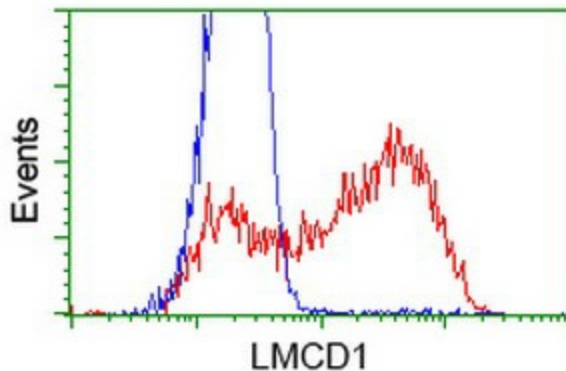
The protein encoded by this gene contains a cysteine-rich domain in the N-terminal region and 2 LIM domains in the C-terminal region. It also has several potential phosphorylation and N-myristoylation sites and a single potential N-glycosylation site. The presence of LIM domains implies involvement in protein-protein interactions. Expression of this gene has been detected in most tissues, with highest expression in skeletal muscle. Transcript variants utilizing alternative polyA signals have been observed. [provided by RefSeq]. COMPLETENESS: complete on the 3' end.

Synonyms:

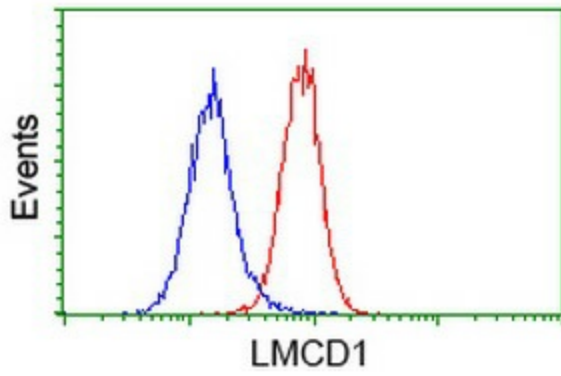
dyxin; LIM and cysteine-rich domains 1

Product images:


HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY LMCD1 [RC200062], 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-LMCD1. Positive lysates [LY402349] (100ug) and [LC402349] (20ug) can be purchased separately from OriGene.



HEK293T cells transfected with either [RC200062] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-LMCD1 antibody ([TA502789]), and then analyzed by flow cytometry.



Flow cytometric Analysis of HeLa cells, using anti-LMCD1 antibody ([TA502789]), (Red), compared to a nonspecific negative control antibody, (Blue).