

Product datasheet for **TA504448S**

PDLIM5 Mouse Monoclonal Antibody [Clone ID: OTI1H10]

Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI1H10 |
| Applications: | FC, WB |
| Recommended Dilution: | WB 1:2000, FLOW 1:100 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG2a |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human PDLIM5(NP_006448) produced in HEK293T cell. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 3.24 mg/ml |
| 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: | 63.8 kDa |
| Gene Name: | PDZ and LIM domain 5 |
| Database Link: | NP_006448 Entrez Gene 56376 Mouse Entrez Gene 64353 Rat Entrez Gene 10611 Human Q96HC4 |



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Background:

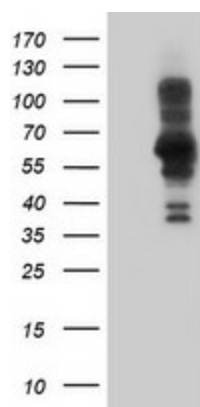
The protein encoded by this gene is a LIM domain protein. LIM domains are cysteine-rich double zinc fingers composed of 50 to 60 amino acids that are involved in protein-protein interactions. LIM domain-containing proteins are scaffolds for the formation of multiprotein complexes. The proteins are involved in cytoskeleton organization, cell lineage specification, organ development, and oncogenesis. The encoded protein is also a member of the Enigma class of proteins, a family of proteins that possess a 100-amino acid PDZ domain in the N terminus and 1 to 3 LIM domains in the C terminus. Multiple transcript variants encoding different isoforms have been found for this gene, although not all of them have been fully characterized. [provided by RefSeq]

Synonyms:

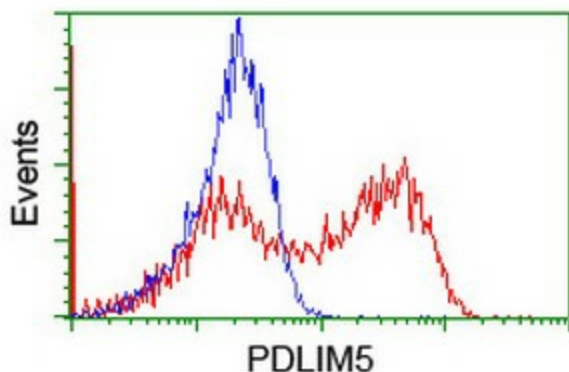
ENH; ENH1; L9; LIM

Protein Families:

Druggable Genome

Product images:


HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PDLIM5 ([RC200592], 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-PDLIM5. Positive lysates [LY416641] (100ug) and [LC416641] (20ug) can be purchased separately from OriGene.



HEK293T cells transfected with either [RC200592] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PDLIM5 antibody ([TA504448]), and then analyzed by flow cytometry.