

# Anti-PDLIM1 Rabbit Monoclonal Antibody

Catalog # ABO15989

## Product Information

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|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB, IF, ICC, FC                                                                                                                          |
| <b>Primary Accession</b> | <a href="#">O00151</a>                                                                                                                   |
| <b>Host</b>              | Rabbit                                                                                                                                   |
| <b>Isotype</b>           | IgG                                                                                                                                      |
| <b>Reactivity</b>        | Rat, Human, Mouse                                                                                                                        |
| <b>Clonality</b>         | Monoclonal                                                                                                                               |
| <b>Format</b>            | Liquid                                                                                                                                   |
| <b>Description</b>       | Anti-PDLIM1 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat. |

## Additional Information

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| <b>Gene ID</b>             | 9124                                                                                                                                       |
| <b>Other Names</b>         | PDZ and LIM domain protein 1, C-terminal LIM domain protein 1, Elfin, LIM domain protein CLP-36, PDLIM1, CLIM1, CLP36                      |
| <b>Calculated MW</b>       | 36072                                                                                                                                      |
| <b>Application Details</b> | WB 1:500-1:2000<br>ICC/IF 1:50-1:200<br>FC 1:50                                                                                            |
| <b>Source</b>              | Eukaryota                                                                                                                                  |
| <b>Contents</b>            | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                        |
| <b>Clone Names</b>         | Clone: 25P68                                                                                                                               |
| <b>Immunogen</b>           | A synthesized peptide derived from human PDLIM1                                                                                            |
| <b>Purification</b>        | Affinity-chromatography                                                                                                                    |
| <b>Storage</b>             | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |

## Protein Information

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|-----------------|----------------------------------------------------------------------------|
| <b>Name</b>     | PDLIM1                                                                     |
| <b>Synonyms</b> | CLIM1, CLP36                                                               |
| <b>Function</b> | Cytoskeletal protein that may act as an adapter that brings other proteins |

(like kinases) to the cytoskeleton (PubMed:[10861853](#)). Involved in assembly, disassembly and directioning of stress fibers in fibroblasts. Required for the localization of ACTN1 and PALLD to stress fibers. Required for cell migration and in maintaining cell polarity of fibroblasts (By similarity).

**Cellular Location**

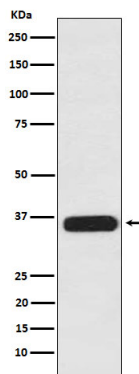
Cytoplasm. Cytoplasm, cytoskeleton. Cytoplasm, myofibril, sarcomere, Z line  
Note=Associates with actin stress fibers

**Tissue Location**

Strongly expressed in the heart and skeletal muscle, moderately expressed in the spleen, small intestine, colon, placenta, and lung. A lower level expression is seen in liver, thymus, kidney, prostate and pancreas and is not found in the brain, testis, ovary, and peripheral blood leukocytes

## Images

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Western blot analysis of PDLIM1 expression in 293T cell lysate.

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