

## Product datasheet for **TA504445BM**

### **PDLIM5 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI1B5]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI1B5
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB 1:500
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2b
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human PDLIM5(NP_006448) produced in HEK293T cell.
<b>Formulation:</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol.
<b>Concentration:</b>	0.5 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	HRP
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	63.8 kDa
<b>Gene Name:</b>	PDZ and LIM domain 5
<b>Database Link:</b>	<a href="#">NP_006448</a> <a href="#">Entrez Gene 56376 Mouse</a> <a href="#">Entrez Gene 64353 Rat</a> <a href="#">Entrez Gene 10611 Human</a> <a href="#">Q96HC4</a>
<b>Background:</b>	This gene encodes a member of a family of proteins that possess a 100-amino acid PDZ domain at the N terminus and one to three LIM domains at the C-terminus. This family member functions as a scaffold protein that tethers protein kinases to the Z-disk in striated muscles. It is thought to function in cardiomyocyte expansion and in restraining postsynaptic growth of excitatory synapses. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2012]

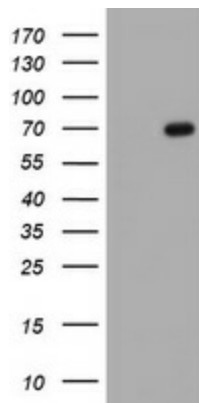


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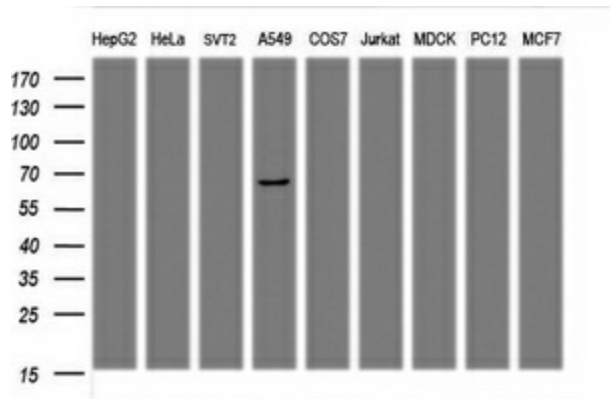
**Synonyms:** ENH; ENH1; L9; LIM

**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.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-PDLIM5 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).