

For Research Use Only

PDLIM5 Monoclonal antibody, PBS Only



Catalog Number: 67651-1-PBS

Basic Information

Catalog Number: 67651-1-PBS	GenBank Accession Number: BC008741	Purification Method: Euglobulin precipitation
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 10611	CloneNo.: 1H9C9
Source: Mouse	UNIPROT ID: Q96HC4	
Isotype: IgM	Full Name: PDZ and LIM domain 5	
Immunogen Catalog Number: AG25059	Calculated MW: 64 kDa	
	Observed MW: 63-69 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human

Background Information

PDLIM5 (PDZ and LIM domain 5), formerly known as enigma homolog (ENH), is a cytoplasmic protein containing PDZ domain and LIM domain at N terminus and C terminus, respectively. PDLIM5 gene generates several splicing variants, EZH1 to EZH4. The long isoform, ENH1, is widely expressed in various tissues including heart, brain, spleen, liver and kidney. In comparison, shorter isoforms that lack the LIM motifs are expressed in cardiac (ENH3) and skeletal muscle (ENH2, ENH3, and ENH4). ENH1 is essential for differentiation of striated muscles through interaction with other proteins. In addition, PDLIM5 is also involved in mood disorders, such as schizophrenia, bipolar disorder, and major depression.

Storage

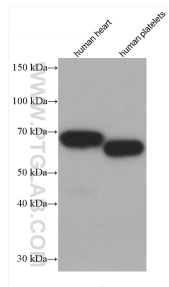
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67651-1-Ig (PDLIM5 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67651-1-PBS in a different storage buffer formulation.