

For Research Use Only

PDLIM7 Recombinant antibody

Catalog Number: 86283-1-RR



Basic Information

Catalog Number: 86283-1-RR	GenBank Accession Number: BC001093	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 9260	CloneNo.: 250775F12
Source: Rabbit	UNIPROT ID: Q9NR12	Recommended Dilutions: WB: 1:2000-1:10000 IF/ICC: 1:200-1:800
Isotype: IgG	Full Name: PDZ and LIM domain 7 (enigma)	
Immunogen Catalog Number: AG4614	Calculated MW: 55/60 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : HeLa cells, Jurkat cells, MCF-7 cells, SKOV-3 cells, K-562 cells
	IF/ICC : SKOV-3 cells,

Background Information

PDLIM7 (PDZ and LIM domain protein 7), also known as ENIGMA or LIM mineralization protein 1 (LMP-1), is a member of PDZ-LIM proteins which function as scaffold to interact with multiple proteins through N-terminal PDZ domain and C-terminal LIM domain. Its LIM domains bind to proteins involved in mitogenic signaling, and it plays a role in tumorigenesis by promoting cancer cell invasion and metastasis. In addition, PDLIM7 is an essential positive regulator of osteoblast differentiation and maturation and bone formation.

Storage

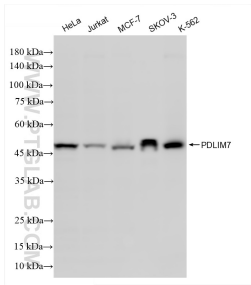
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

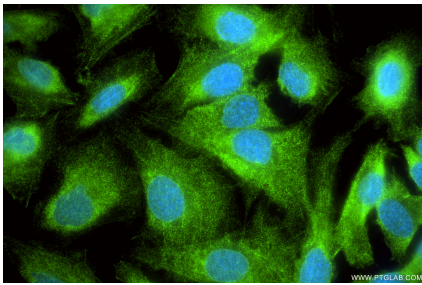
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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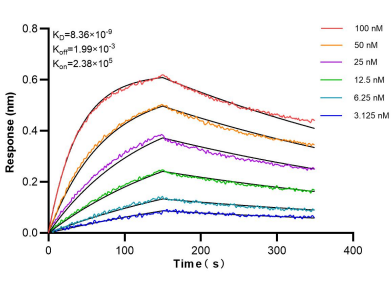
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86283-1-RR (PDLIM7,LMP1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed SKOV-3 cells using PDLIM7 antibody (86283-1-RR, Clone: 250775F12) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 86283-1-RR against Human PDLIM7 were performed. The affinity constant is 8.36 nM.