

For Research Use Only

CoraLite® Plus 488-conjugated PDLIM4 Recombinant antibody

Catalog Number:CL488-84117



Basic Information

Catalog Number: CL488-84117	GenBank Accession Number: BC016765	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 8572	CloneNo.: 241401B3
Source: Rabbit	UNIPROT ID: P50479	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: PDZ and LIM domain 4	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG13424	Calculated MW: 35 kDa	
	Observed MW: 35 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : U2OS cells,
Species Specificity: human	

Background Information

PDLIM4, also known as RIL, is a member of the ALP/Enigma family. PDLIM4 contains one PDZ(DHR) domain and one LIM zinc-binding domain. The LIM zinc-binding domain interacts with the second and fourth PDZ domains of Fap-1, possibly resulting in the dephosphorylation of PDLIM4 (PMID: 21636573). PDLIM4 is involved in osteoblast development and function. The variation of the PDLIM4 locus may be an important determinant of osteoporosis (PMID:12908099).

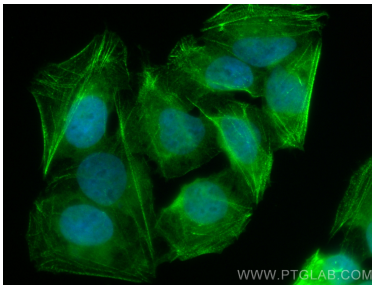
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using CoraLite® Plus 488 PDLM4 antibody (CL488-84117, Clone: 241401B3) at dilution of 1:200.