

For Research Use Only

# CoraLite® Plus 488-conjugated PDLIM4 Recombinant antibody

Catalog Number: CL488-84117



## Basic Information

Catalog Number:

CL488-84117

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13424

GenBank Accession Number:

BC016765

GeneID (NCBI):

8572

UNIPROT ID:

P50479

Full Name:

PDZ and LIM domain 4

Calculated MW:

35 kDa

Observed MW:

35 kDa

Purification Method:

Protein A purification

CloneNo.:

241401B3

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : U2OS cells,

## 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:

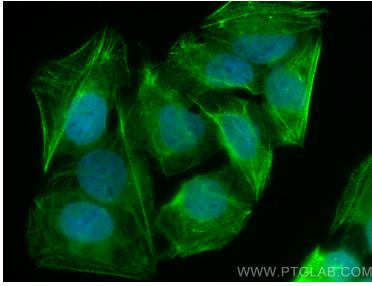
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## 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.