

For Research Use Only

CoraLite® Plus 750-conjugated PDI Recombinant antibody

Catalog Number:CL750-80170



Basic Information

Catalog Number: CL750-80170	GenBank Accession Number: BC014504	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 5034	CloneNo.: 4K17
Source: Rabbit	UNIPROT ID: P07237	Recommended Dilutions: WB 1:1000-1:8000
Isotype: IgG	Full Name: prolyl 4-hydroxylase, beta polypeptide	Excitation/Emission maxima wavelengths: 755 nm / 780 nm
Immunogen Catalog Number: AG1747	Calculated MW: 57 kDa	
	Observed MW: 57 kDa	

Applications

Tested Applications: WB, FC (Intra)	Positive Controls: WB : HSC-T6 cells, PC-12 cells, HepG2 cells
Species Specificity: human, mouse, rat	

Background Information

PDIA1(Protein disulfide-isomerase) is also named as ERBA2L, PDI, P4HB, PO4DB. It is a multifunctional protein that catalyzes the formation, breakage and rearrangement of disulfide bonds. In some cell types, it seems to be secreted or associated with the plasma membrane, where it undergoes constant shedding and replacement from intracellular sources.It can exist as homodimer and monomers and homotetramers may also occur(PMID:12095988).

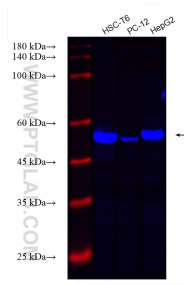
Storage

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

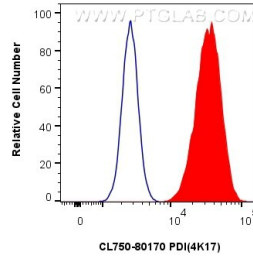
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL750-80170 (PDI antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



1×10^6 HeLa cells were intracellularly stained with 0.4 μ g CoraLite® Plus 750-conjugated PDI Recombinant antibody (CL750-80170, Clone:4K17) (red), or 0.4 μ g Isotype Control (CL750-30000) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).