

For Research Use Only

CoraLite® Plus 488-conjugated Pinin Recombinant monoclonal antibody

Catalog Number: CL488-86292



Basic Information

Catalog Number: CL488-86292	GenBank Accession Number: BC062602	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 5411	CloneNo.: 251028A12
Isotype: IgG	UNIPROT ID: Q9H307	Recommended Dilutions: IF/ICC: 1:50-1:500
Immunogen Catalog Number: AG38940	Full Name: pinin, desmosome associated protein	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
	Calculated MW: 82 kDa	
	Observed MW: 140 kDa	

Applications

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

Background Information

PNN, also named as DRS or 140 kDa nuclear and cell adhesion-related phosphoprotein, is a 717 amino acid protein, which belongs to the pinin family. PNN localizes in the plasma membrane and is expressed in placenta, lung, liver, kidney, pancreas, spleen, thymus, prostate, testis, ovary, small intestine, colon, heart, epidermis, esophagus, brain and smooth and skeletal muscle. PNN is expressed strongly in melanoma metastasis lesions and advanced primary tumors. PNN as a transcriptional activator binds to the E-box 1 core sequence of the E-cadherin promoter gene. PNN is involved in the establishment and maintenance of epithelia cell-cell adhesion. PNN is a potential tumor suppressor for renal cell carcinoma. The calculated molecular weight of PNN is 82 kDa (native form), but the post-modified protein is 140 kDa (phospho form of isoform 1).

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, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

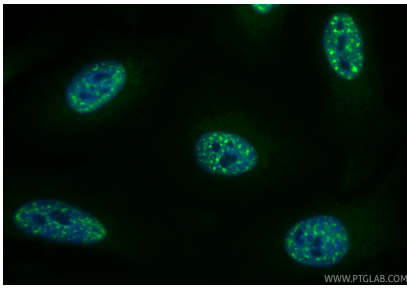
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Coralite® Plus 488 Pinin antibody (CL488-86292, Clone: 251028A12) at dilution of 1:200.