

For Research Use Only

CoraLite® Plus 488-conjugated P4HA3 Recombinant monoclonal antibody

Catalog Number: CL488-85374



Basic Information

Catalog Number: CL488-85374	GenBank Accession Number: BC126170	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 283208	CloneNo.: 242750C3
Isotype: IgG	UNIPROT ID: Q7Z4N8	Recommended Dilutions: IF/ICC: 1:50-1:500
Immunogen Catalog Number: AG19716	Full Name: prolyl 4-hydroxylase, alpha polypeptide III	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
	Calculated MW: 544 aa, 61 kDa	
	Observed MW: 61 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : A549 cells,
Species Specificity: human	

Background Information

Collagen prolyl 4-hydroxylases catalyze the hydroxylation of proline in x-pro-gly triplets in collagens and in proteins with collagen-like sequences. Collagen prolyl 4-hydroxylases are tetramers of 2 alpha subunits, such as P4HA3, and 2 beta subunits (P4HB). P4HA3 has 3 isoforms produced by alternative splicing with the MW of 61 kDa, 29 kDa and 67 kDa.

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:

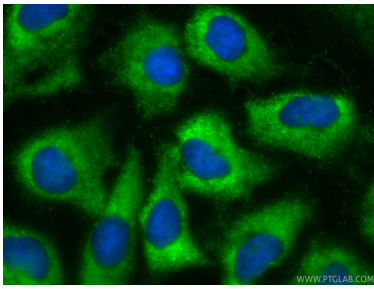
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using CoraLite® Plus 488 P4HA3 antibody (CL488-85374, Clone: 242750C3) at dilution of 1:200.