

For Research Use Only

CoraLite® Plus 488-conjugated Recoverin Polyclonal antibody



Catalog Number: CL488-10073

Basic Information

Catalog Number: CL488-10073	GenBank Accession Number: BC001720	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5957	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	UNIPROT ID: P35243	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Full Name: recoverin	
Immunogen Catalog Number: AG0119	Calculated MW: 24 kDa	
	Observed MW: 23 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : mouse eye tissue,
Species Specificity: human, mouse, rat	

Background Information

Recoverin, belonging to a family of the neuronal calcium sensor (NCS) proteins, has a restricted expression in retinal photoreceptors or neurons or neuroendocrine cells. It has been suggested to play a role in light and dark adaptation by regulating rhodopsin phosphorylation. Recently, it has been found that autoantibodies against recoverin (24 kDa) have been strongly associated with cancer-associated retinopathy (CAR) syndrome, a paraneoplastic disease of the retina. But functions of recoverin in cancer cells remain unknown.

Storage

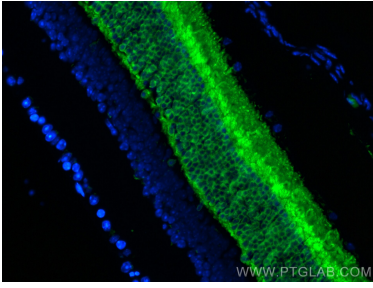
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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)
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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 paraffin-embedded mouse eye tissue using CoraLite® Plus 488 Recoverin antibody (CL488-10073) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).