

For Research Use Only

CoraLite® Plus 488-conjugated MYH10 Polyclonal antibody



Catalog Number: CL488-21403

Basic Information

Catalog Number: CL488-21403	GenBank Accession Number: BC150634	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 4628	Recommended Dilutions: IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: P35580	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Full Name: myosin, heavy chain 10, non-muscle	
Immunogen Catalog Number: AG16113	Calculated MW: 1985 aa, 230 kDa	
	Observed MW: 229 kDa	

Applications

Tested Applications: IF	Positive Controls: IF/ICC : HepG2 cells,
Species Specificity: human, mouse, rat	

Background Information

MYH10 (non-muscle II-b, NM IIB) is a member of non-muscle myosin II which plays fundamental roles in the maintenance of cell morphology, cell adhesion, and migration, as well as cell division. MYH10 is mainly present in nerve cells, megakaryocytes, and other non-muscle cells. It has been reported to mediate centrosome reorientation during cell migration and contribute to ciliogenesis. Overexpression of MYH10 has been observed in breast cancer.

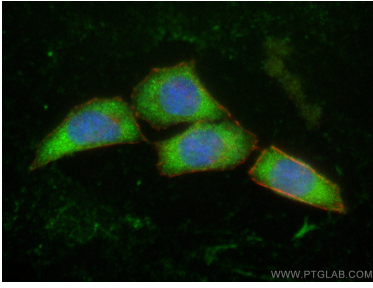
Storage

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)
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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 Ethanol) fixed HepG2 cells using CoraLite® Plus 488 MYH10 antibody (CL488-21403) at dilution of 1:200, CL594-Phalloidin (red).