

For Research Use Only

CoraLite®594-conjugated MYH10 Monoclonal antibody



Catalog Number:CL594-67243

Basic Information

Catalog Number: CL594-67243	GenBank Accession Number: BC150634	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 4628	CloneNo.: 2H8G7
Source: Mouse	UNIPROT ID: P35580	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2a	Full Name: myosin, heavy chain 10, non-muscle	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG17069	Calculated MW: 1985 aa, 230 kDa	
	Observed MW: 200-230 kDa	

Applications

Tested Applications:
IF-P

Species Specificity:
Human, mouse, rat

Positive Controls:

IF : mouse cerebellum tissue,

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.

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:

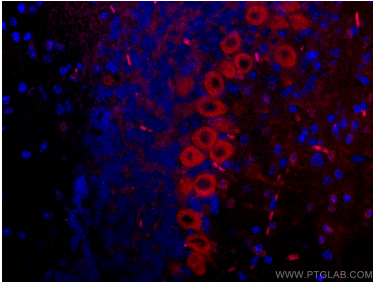
T: 4006900926

E: Proteintech-CN@ptglab.com

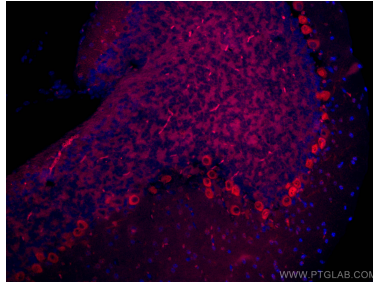
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse cerebellum tissue using CoraLite®594-conjugated MYH10 antibody (CL594-67243, Clone: 2H8G7) at dilution of 1:100.



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