

For Research Use Only

CoraLite® Plus 488-conjugated MYL7 Polyclonal antibody



Catalog Number: CL488-17283

Basic Information

Catalog Number: CL488-17283	GenBank Accession Number: BC027915	Purification Method: Antigen affinity purification
Size: 1000 µg/ml	GeneID (NCBI): 58498	Recommended Dilutions: IF-P 1:50-1:500
Source: Rabbit	UNIPROT ID: Q01449	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Full Name: myosin, light chain 7, regulatory	
Immunogen Catalog Number: AG11058	Calculated MW: 175 aa, 19 kDa	
	Observed MW: 19 kDa	

Applications

Tested Applications: IF-P	Positive Controls: IF-P: mouse heart tissue,
Species Specificity: human, mouse, rat	

Background Information

MYL7, also known as myosin light chain 2a (MLC2a), is essential for heart development. The expression of MYL7 in heart is predominantly restricted to the atrium. So its expression has been considered as useful marker for atrial cardiomyocytes.

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:

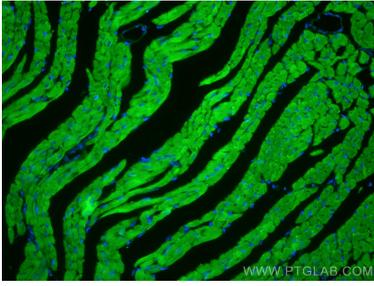
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse heart tissue using CoraLite® Plus 488 MYL7 antibody (CL488-17283) at dilution of 1:200.