

For Research Use Only

MYL7 Recombinant antibody, PBS Only



Catalog Number: 81570-1-PBS

Basic Information

Catalog Number:	81570-1-PBS	GenBank Accession Number:	BC027915	Purification Method:	Protein A purification
Size:	1 mg/ml	GeneID (NCBI):	58498	CloneNo.:	2C5
Source:	Rabbit	UNIPROT ID:	Q01449		
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:
WB, IHC, Indirect ELISA

Species Specificity:
mouse, rat, human

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

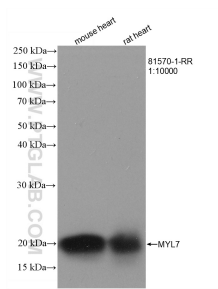
T: 4006900926

E: Proteintech-CN@ptglab.com

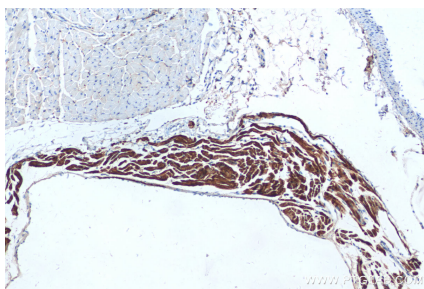
W: ptgcn.com

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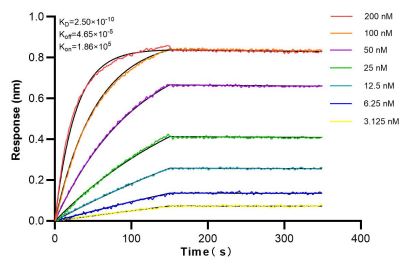
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 81570-1-RR (MYL7 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 81570-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 81570-1-RR (MYL7 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 81570-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 81570-1-RR against Human MYL7 were performed. The affinity constant is 0.25 nM.