Product **Datasheet**

Anti- p-MLC2(ser19) Rabbit pAb

WLA0486

For Research Use Only.Not For Use In Diagnostic Procedures

Product Information

Product name	Anti- p-MLC2(ser19) Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC, IF	1:50-1:400
Cellular localization	Cytoplasm. Cytoskeleton.	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background

Myosin regulated photopeptide 9 (MYL9), also known as MLC2, belongs to the myosin regulatory subunit. Myosin is a structural component of muscles. MYL9 plays an important role in regulating smooth muscle and non muscle cell contractile activity through its phosphorylation of THR19 and SER20. Related to cytokines, receptor upper limits, and cell movement. It can bind to calcium and be activated by myosin light chain kinase. Some studies suggest that MYL9 may play an important role in various human cancers.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of p-MLC2(ser19).

Purification

Polyclonal antibody was purified by immunogen affinity chromatography.

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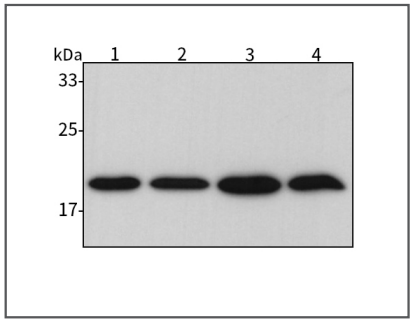
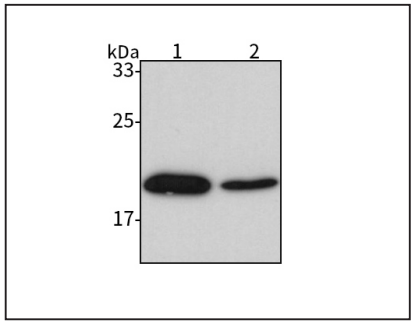
Product Images



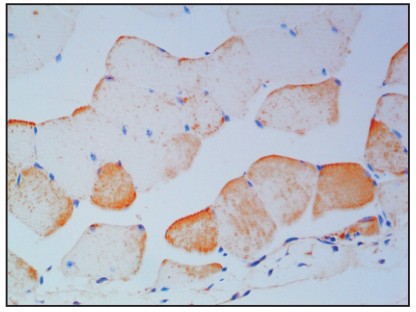
Western blot-Anti- p-MLC2(ser19) pAb

Lane 1: Human Huh-7 cell lasate
Lane 2: Human THP-1 cell lasate
Lane 3: Human Hela cell lasate
Lane 4: Human MDA-MB-231 cell lasate
All lanes: Anti- p-MLC2(ser19) at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 20 kDa
Observed band size: 20 kDa



Western blot-Anti- p-MLC2(ser19) pAb

Lane 1: Mouse heart tissue lysate
Lane 2: Rat kidney tissue lysate
All lanes: Anti- p-MLC2(ser19) at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 20 kDa
Observed band size: 20 kDa



Immunohistochemistry-Anti-p-MLC2(ser19) pAb

Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle using anti-p-MLC2(ser19) Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

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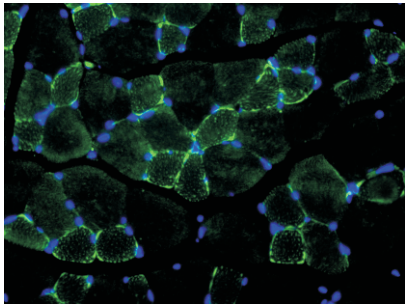
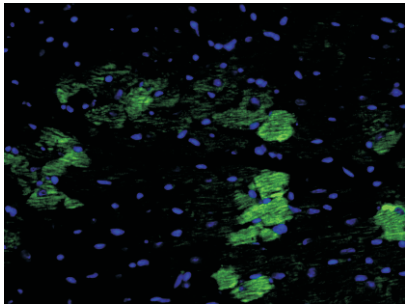


Immunofluorescence-Anti-p-MLC2(ser19) pAb

Immunofluorescence analysis of paraffin-embedded mouse skeletal muscle using anti-p-MLC2(ser19) Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-p-MLC2(ser19) pAb

Immunofluorescence analysis of paraffin-embedded mouse heart using anti-p-MLC2(ser19) Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0