

## Anti- MLC2/MYL9 Rabbit pAb



WLA0488

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti- MLC2/MYL9 Rabbit pAb
<b>Source</b>	Rabbit
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Tested applications</b>	WB 1:1000-1:2000
<b>Cellular localization</b>	Cytoplasm. Cytoskeleton.
<b>Pack size</b>	50/100/200/500/1000µl
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>
<b>Storage buffer</b>	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 MLC2/MYL9.

**Purification**

Polyclonal antibody was purified by Protein A affinity chromatography.

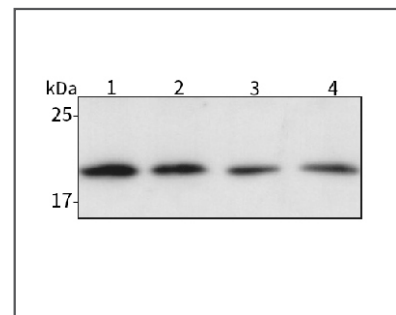
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## Product Images



Western blot-Anti- MLC2/MYL9 pAb

Lane 1: Human Hela cell lasate

Lane 2: Human MDA-MB-231 cell lasate

Lane 3: Human THP-1 cell lasate

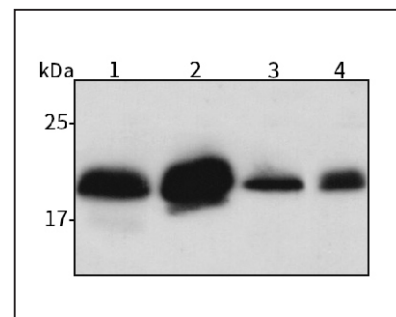
Lane 4: Human A2780 cell lasate

All lanes: Anti- MLC2/MYL9 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- MLC2/MYL9 pAb

Lane 1: Mouse heart tissue lysate

Lane 2: Mouse skin tissue lysate

Lane 3: Rat kidney tissue lysate

Lane 4: Rat skeletal muscle tissue lysate

All lanes: Anti- MLC2/MYL9 at 1:1000 dilution

Lysates/proteins at 20-50 µg per lane.

Predicted band size: 20 kDa

Observed band size: 20 kDa