

Anti-MYL9 antibody

Cat. No.	ml260642
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-MYL9 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human MYL9
Reactivity	Human, Mouse, Rat
Content	0.7 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	MYL9
Full name	myosin, light chain 9, regulatory

Synonyms LC20, MLC2, MRLC1, MYRL2, MLC-2C

Swissprot P24844

Target Background

Myosin, a structural component of muscle, consists of two heavy chains and four light chains. The protein encoded by this gene is a myosin light chain that may regulate muscle contraction by modulating the ATPase activity of myosin heads. The encoded protein binds calcium and is activated by myosin light chain kinase. Two transcript variants encoding different isoforms have been found for this gene.

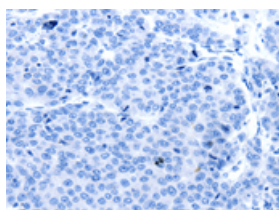
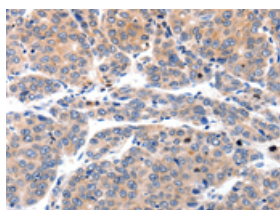
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 50-200

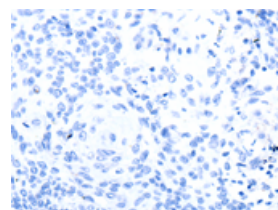
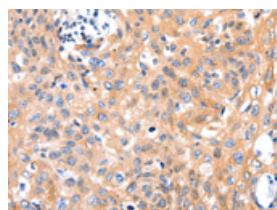


The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml260642(MYL9 Antibody) at dilution 1/80, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human cervical cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml260642(MYL9 Antibody) at dilution 1/80, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 14 kDa

Positive control: Jurkat and 231 cells

Recommended dilution: 1000-5000

Gel: 12%SDS-PAGE

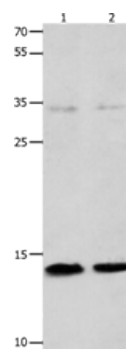
Lysate: 40 µg

Lane 1-2: Jurkat cells, 231 cells

Primary antibody: ml260642(MYL9 Antibody) at dilution 1/1500

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 40 seconds



ELISA

Recommended dilution: 2000-10000

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