Rabbit MYL9 Polyclonal Antibody | anti-MYL9 antibody

Rabbit anti-MYL9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA223565	**Rabbit**	**Human, Mouse, Rat, Bovine, Pig**	**Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

MYL9; Polyclonal Antibody; Rabbit anti-MYL9 Antibody; MLC2; MRLC1; MYRL2; Myosin regulatory light polypeptide 9; 20 kDa myosin light chain; LC20; MLC-2C; Myosin RLC; Myosin regulatory light chain 2; smooth muscle isoform; Myosin regulatory light chain 9; Myosin regulatory light chain MRLC1; MYL12A; MLCB; MRLC3; RLC; Myosin regulatory light chain 12A; MLC-2B; nonsarcomeric; Myosin regulatory light chain MRLC3; anti-MYL9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Pig
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-MYL9 antibody	IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human MYL9. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent analysis of MYL9 staining in Jurkat cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

WB (Western Blot)
Western blot analysis of MYL9 expression in Jurkat (A), COLO205 (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MYL9 antibody	Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	31563524
NCBI GeneID	10398

NCBI Accession #	NP_852667.1
NCBI GenBank Nucleotide #	NM_181526.2
UniProt Accession #	P24844; P19105; Q9CQ19; Q64122
Molecular Weight	19,827 Da
NCBI Official Full Name	myosin regulatory light polypeptide 9 isoform b
NCBI Official Synonym Full Names	myosin, light chain 9, regulatory
NCBI Official Symbol	MYL9
NCBI Official Synonym Symbols	LC20; MLC2; MRLC1; MYRL2; MLC-2C
NCBI Protein Information	myosin regulatory light polypeptide 9; myosin RLC; 20 kDa myosin light chain; myosin regulatory light chain 1; myosin regulatory light chain 9; myosin regulatory light chain MRLC1; myosin, light polypeptide 9, regulatory; myosin regulatory light chain 2,
UniProt Protein Name	Myosin regulatory light polypeptide 9
UniProt Gene Name	**MYL9**
UniProt Synonym Gene Names	MLC2; MRLC1; MYRL2; LC20
UniProt Entry Name	MYL9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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