

Myosin light chain kinase Recombinant Antibody | MYLK recombinant antibody

Myosin light chain kinase Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA315187	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

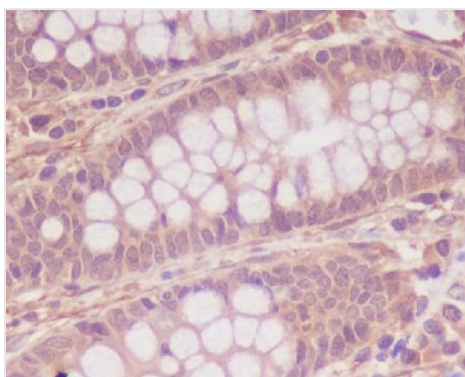
PRODUCT SYNONYMS

Myosin light chain kinase; Monoclonal Recombinant Antibody; Myosin light chain kinase Rabbit mAb; KMLS; KRP; MLCK; MYLK; myosin light chain kinase; smooth muscle and non-muscle isozymes; myosin light polypeptide kinase; telokin; MYLK recombinant antibody

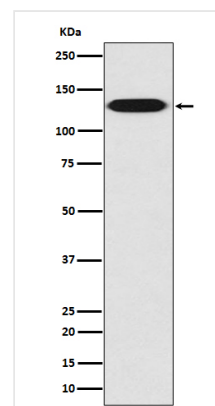
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Specificity	Myosin light chain kinase Antibody detects endogenous levels of total Myosin light chain kinase
Purity/Purification	Affinity-chromatography
Form/Format	Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for MYLK recombinant antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Myosin light chain kinase
Preparation and Storage	Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human colon, using Myosin light chain kinase Antibody.


WB (Western Blot)

Western blot analysis of myosin light chain kinase expression in HUVEC cell lysate.

ADDITIONAL INFORMATION

Related Product Information for MYLK recombinant antibody	Regulates actin-myosin interaction through a non-kinase activity. Phosphorylates PTK2B/PYK2 and myosin light-chains. Involved in the inflammatory response (e.g. apoptosis, vascular permeability, leukocyte diapedesis), cell motility and morphology, airway hyperreactivity and other activities relevant to asthma. Required for tonic airway smooth muscle contraction that is necessary for physiological and asthmatic airway resistance.
Product Categories/Family for MYLK recombinant antibody	Recombinant Rabbit Monoclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	116008192
NCBI GeneID	4638
NCBI Accession #	NP_444253.3
NCBI GenBank Nucleotide #	NM_053025.3
UniProt Accession #	Q15746; O95796; O95797; O95798; O95799; Q14844; Q16794; Q3ZCP9; Q5MY99; Q5MYA0; Q7Z4J0; Q9C0L5
Molecular Weight	210,715 Da
NCBI Official Full Name	myosin light chain kinase, smooth muscle isoform 1
NCBI Official Synonym Full Names	myosin light chain kinase
NCBI Official Symbol	MYLK
NCBI Official Synonym Symbols	KRP; AAT7; MLCK; MLCK1; MYLK1; smMLCK; MLCK108; MLCK210; MSTP083
NCBI Protein Information	myosin light chain kinase, smooth muscle; telokin; kinase-related protein; myosin, light polypeptide kinase; smooth muscle myosin light chain kinase
UniProt Protein Name	Myosin light chain kinase, smooth muscle
UniProt Gene Name	MYLK
UniProt Synonym Gene Names	MLCK; MLCK1; MYLK1; MLCK; smMLCK; KRP
UniProt Entry Name	MYLK_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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Online datasheet: <https://stage.aaabiotech.com/monoclonal/myosin-light-chain-kinase-recombinant-antibody-flow-cytometry-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/315187>