



MYLK mouse mAb

Catalog No	YP-mAb-17743
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	MYLK
Protein Name	
Immunogen	A synthesized peptide derived from human Myosin light chain kinase
Specificity	
Formulation	
Source	
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	KMLS; KRP; MLCK; MYLK; myosin light chain kinase; smooth muscle and non-muscle isozymes; myosin light polypeptide kinase; telokin
Observed Band	Calculated MW: 211 kDa; Observed MW: 130-140 kDa
Cell Pathway	
Tissue Specificity	
Function	
Background	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.
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



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