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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MYLK recombinant monoclonal antibody, clone 28C5

Catalog Number: RAB07588

Regulatory Status: For research use only (RUO)

Product Description: Rabbit recombinant monoclonal antibody raised against human MYLK.

Clone Name: 28C5

Immunogen: Original antibody is raised against a synthetic peptide corresponding to human MYLK.

Theoretical MW (kDa): Calculated MW: 211,

Antibody Species: Rabbit

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Affinity chromatography purification

Isotype: IgG

Recommend Usage: ELISA

Flow Cytometry(1:50-1:200)

Western Blot (1:500-1:2000)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)

Storage Instruction: Store at -20°C or -80°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4638

Gene Symbol: MYLK

Gene Alias: DKFZp686I10125, FLJ12216, KRP, MLCK, MLCK1, MLCK108, MLCK210, MSTP083, MYLK1, smMLCK

Gene Summary: This gene, a muscle member of the

immunoglobulin gene superfamily, encodes myosin light chain kinase which is a calcium/calmodulin dependent enzyme. This kinase phosphorylates myosin regulatory light chains to facilitate myosin interaction with actin filaments to produce contractile activity. This gene encodes both smooth muscle and nonmuscle isoforms. In addition, using a separate promoter in an intron in the 3' region, it encodes telokin, a small protein identical in sequence to the C-terminus of myosin light chain kinase, that is independently expressed in smooth muscle and functions to stabilize unphosphorylated myosin filaments. A pseudogene is located on the p arm of chromosome 3. Four transcript variants that produce four isoforms of the calcium/calmodulin dependent enzyme have been identified as well as two transcripts that produce two isoforms of telokin. Additional variants have been identified but lack full length transcripts. [provided by RefSeq]