

MYL9/MYL12A (P13) polyclonal antibody

Catalog: BS1552

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Myosin regulatory light chains, including MRCL3 (also known as MRLC3 or MLCB), MRLC2 (also known as MLC-B) and MYL9 (also known as LC20, MLC2, MRLC1 or MYRL2), regulate contraction in smooth muscle and non-muscle cells via phosphorylation by myosin light chain kinase (MLCK). Phosphorylation of myosin regulatory light chains, catalyzed by MLCK in the presence of calcium and calmodulin, increases the Actin-activated myosin ATPase activity, thereby regulating the contractile activity. Myosin light chain is also located in striated skeletal muscle, where its function remains undefined.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 20 kDa

Swiss-Prot:

P24844/P19105

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC: 1:50~1:200

IF: 1:50~1:200

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

MYL9/MYL12A (P13) polyclonal antibody detects endogenous levels of MYL9 and MYL12A protein.

DATA:

Immunohistochemistry (IHC) analysis of MYL9/MYL12A (P13) pAb in paraffin-embedded human lung carcinoma tissue.

Note:

For research use only, not for use in diagnostic procedure.

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