

Anti-Human/Mouse/Rat MYL9/MYL12A Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA05063

3th Edition

Description: The activity of nonmuscle myosin II (see MYH9; MIM 160775) is regulated by phosphorylation of a regulatory light chain, such as MRLC2. This phosphorylation results in higher MgATPase activity and the assembly of myosin II filaments. MYL12B (Myosin Light Chain 12B) is a Protein Coding gene. Among its related pathways are Immune response CCR3 signaling in eosinophils and Cytoskeleton remodeling Regulation of actin cytoskeleton by Rho GTPases. GO annotations related to this gene include calcium ion binding. An important paralog of this gene is MYL12A.

Antigen: Synthesized peptide derived from human MRLC2 around the non-phosphorylation site of Ser18.

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Smooth muscle tissues and in some, but not all, nonmuscle cells