Leader in Biomolecular Solutions for Life Science

MYL12B Rabbit mAb

Catalog No.: A9387 Recombinant



Basic Information

Observed MW

20kDa

Calculated MW

20kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC2712

Background

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 (lwasaki et al., 2001 [PubMed 11942626]).

Recommended Dilutions

WB 1:100 - 1:500

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID Swiss Prot 103910 014950

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 73-172 of human MYL12B (O14950).

Synonyms

MLC-B; MRLC2; MYL12B

Contact

www.abclonal.com

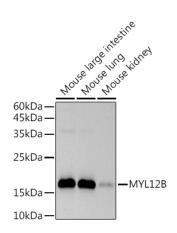
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.



Western blot analysis of extracts of various cell lines, using (A9387) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit $\lg G$ (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

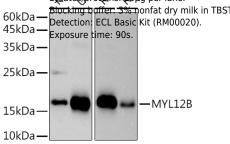
Blocking buffer: 3% nonfat dry milk in TBST.

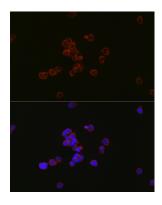
Detection: ECL Basic Kit (RM00020).

Exposure time: 3s.

Western blot analysis of extracts of various cell lines, using (A9387) at 1:500 dilution. Secondary antibody. HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates proteins: Dug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.





Immunofluorescence analysis of Jurkat cells using MYL12B antibody (A9387) at dilution of 1:100. Blue: DAPI for nuclear staining.