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## phospho-MYL12B (Thr19 + Ser20) Rabbit pAb

Catalog Number: bs-8311R

Target Protein: phospho-MYL12B (Thr19 + Ser20)

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ICC/IF (1:100-500), ELISA (1:5000-10000)

Reactivity: (predicted:Human, Mouse, Rat, Pig, Cow, Chicken, Dog, Horse, Danio)

Predicted MW: 18 kDa

Entrez Gene: 103910

Swiss Prot: O14950

Source: KLH conjugated synthesised phosphopeptide derived from human Mylc2b around the phosphorylation site of Thr19 + Ser20: RA(p-T)(p-S)N.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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 (Iwasaki et al., 2001 [PubMed 11942626]).[supplied by OMIM, Mar 2008]

### PRODUCT SPECIFIC PUBLICATIONS

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[IF=4] Tang Shuai. et al. Effects of *Saccharomyces boulardii* on microbiota composition and metabolite levels in the small intestine of constipated mice. BMC MICROBIOL. 2024 Dec;24(1):1-13 WB ; Mouse . 39578737