

bs-19149R**[Primary Antibody]****phospho-MYL12B (Ser20) Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Sheep, Cow, Dog) Predicted MW.: 18 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 103910	SWISS: O14950	
Target: MYL12B (Ser20)		
Immunogen: KLH conjugated synthesised phosphopeptide derived from human Mylc2b around the phosphorylation site of Ser20: AT(p-S)NV.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
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]		