

**bs-4060R****[ Primary Antibody ]****phospho-MYL9 (Thr19) Rabbit pAb****BioSS**  
**ANTIBODIES**

www.bioss.com.cn

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400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>IHC-P</b> (1:100-500)
<b>GeneID:</b> 10398	<b>SWISS:</b> P24844	<b>IHC-F</b> (1:100-500)
<b>Target:</b> MYL9 (Thr19)		<b>IF</b> (1:100-500)
<b>Immunogen:</b> KLH conjugated Synthesised phosphopeptide derived from human MYL9 around the phosphorylation site of Thr19: RA(p-T)SN.		<b>ELISA</b> (1:5000-10000)
<b>Purification:</b> affinity purified by Protein A		<b>Reactivity:</b> Mouse (predicted: Human, Rat, Rabbit, Pig, Sheep, Cow, Dog)
<b>Concentration:</b> 1mg/ml		<b>Predicted MW.:</b> 20 kDa
<b>Storage:</b> 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.		<b>Subcellular Location:</b> Cytoskeleton ,Cell membrane
<b>Background:</b> Myosin, a structural component of muscle, consists of two heavy chains and four light chains. The protein encoded by this gene is a myosin light chain that may regulate muscle contraction by modulating the ATPase activity of myosin heads. The encoded protein binds calcium and is activated by myosin light chain kinase. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]		

**— SELECTED CITATIONS —**

- **[IF=5.168]** Gu et al. Fasudil attenuates soluble fms-like tyrosine kinase-1 (sFlt-1)-induced hypertension in pregnant mice through RhoA/ROCK pathway. (2017) Oncotarget. 8:104104-104112 WB,IHC ;Human, Mouse. 29262624
- **[IF=4.061]** Liufeng Wei. et al. GLP-1 RA Improves Diabetic Retinopathy by Protecting the Blood-Retinal Barrier through GLP-1R-ROCK-p-MLC Signaling Pathway. J DIABETES RES. 2022 Nov 03;2022:1861940 IHC ;Mouse. 36387940