

bs-5885R**[Primary Antibody]****Fast Myosin Skeletal Heavy chain Rabbit pAb****BioSS**
ANTIBODIES

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: ELISA (1:5000-10000)
Clonality: Polyclonal		Reactivity: (predicted: Human, Mouse, Rat, Pig, Chicken, Dog)
GeneID: 4619	SWISS: P12882	
Target: Fast Myosin Skeletal Heavy chain		Predicted MW.: 223 kDa
Immunogen: KLH conjugated synthetic peptide derived from human Myosin heavy chain 1: 901-1000/1939.		Subcellular Location: Cytoplasm
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: Myosin is a major contractile protein which converts chemical energy into mechanical energy through the hydrolysis of ATP. Myosin is a hexameric protein composed of a pair of myosin heavy chains (MYH) and two pairs of nonidentical light chains. Myosin heavy chains are encoded by a multigene family. In mammals at least 10 different myosin heavy chain (MYH) isoforms have been described from striated, smooth, and nonmuscle cells. These isoforms show expression that is spatially and temporally regulated during development. [provided by RefSeq, Jul 2008].		

— SELECTED CITATIONS —

- **[IF=12]** Youxi Lin. et al. Understanding the Role of NOTCH2 Mutation in Centronuclear Myopathy. MOL THER. 2025 May;; IF, WB ; Mouse. 40336196
- **[IF=7.014]** Kong D et al. MiR-17 and miR-19 cooperatively promote skeletal muscle cell differentiation. Cell Mol Life Sci. 2019 Jun 18. ICC ; Human. 31214725
- **[IF=5.1]** Zongyun Du. et al. Fin Cells as a Promising Seed Cell Source for Sustainable Fish Meat Cultivation. FOODS. 2025 Jan;14(12):2075 IF ; Fish. 40565684
- **[IF=4.755]** Zhang Lijiao. et al. Dysregulated myokines and signaling pathways in skeletal muscle dysfunction in a cigarette smoke-induced model of chronic obstructive pulmonary disease. FRONT PHYSIOL. 2022 Aug;0:1600 IHC, WB ; Mouse. 36091368
- **[IF=2.573]** Bao T et al. The distinct transcriptomes of fast-twitch and slow-twitch muscles in Mongolian horses. Comp Biochem Physiol Part D Genomics Proteomics. 2019 Dec 11;33:100649. IHC ; Horse. 31869634