

bsm-52832R**[Primary Antibody]**

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Actin Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:2000-5000) IP (1:50-100) Reactivity: (predicted: Human, Mouse, Rat, Zebrafish) Predicted MW.: 42 kDa Subcellular Location: Cytoplasm
Clonality: Recombinant	CloneNo.: 6C11	
GeneID: 58	SWISS: P68133	
Target: Actin		
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 product encoded by this gene belongs to the actin family of proteins, which are highly conserved proteins that play a role in cell motility, structure and integrity. Alpha, beta and gamma actin isoforms have been identified, with alpha actins being a major constituent of the contractile apparatus, while beta and gamma actins are involved in the regulation of cell motility. This actin is an alpha actin that is found in skeletal muscle. Mutations in this gene cause nemaline myopathy type 3, congenital myopathy with excess of thin myofilaments, congenital myopathy with cores, and congenital myopathy with fiber-type disproportion, diseases that lead to muscle fiber defects. [provided by RefSeq, Jul 2008]		

— SELECTED CITATIONS —

- **[IF=7.419]** Hyunsoo Cho. et al. Dimeric translationally controlled tumor protein-binding peptide 2 attenuates imiquimod-induced psoriatic inflammation through induction of regulatory T cells. BIOMED PHARMACOTHER. 2022 Aug;152:113245 WB ;Mouse. 35689858