

bsm-61791R**[Primary Antibody]**

Calsequestrin Recombinant Rabbit mAb

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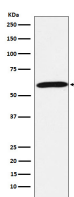
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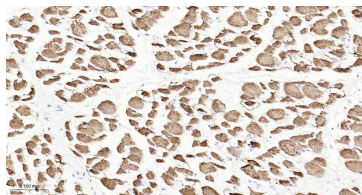
— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:50-200) IHC-F (1:50-200) IF (1:50-200) Flow-Cyt (1:50-100) Reactivity: Human, Mouse, Rat Predicted MW.: 45 Subcellular Location: Cytoplasm
Clonality: Recombinant	CloneNo.: 11G3	
GeneID: 844	SWISS: P31415	
Target: Calsequestrin		
Immunogen: A synthesized peptide derived from human Calsequestrin 1: 100-150/396.		
Purification: affinity purified by Protein A		
Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.		
Background: Calsequestrin is a high-capacity, moderate affinity, calcium-binding protein and thus acts as an internal calcium store in muscle. The release of calcium bound to calsequestrin through a calcium release channel triggers muscle contraction. Binds 40 to 50 moles of calcium. Also binds laminin.		

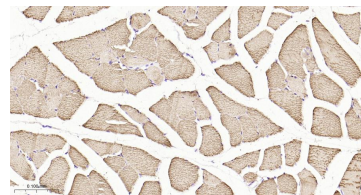
— VALIDATION IMAGES —



Western blot analysis of Human skeletal muscle lysate. Using Calsequestrin (bsm-61791R) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Skeletal muscle; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Calsequestrin Monoclonal Antibody, Unconjugated (bsm-61791R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Rat Skeletal muscle; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Calsequestrin Monoclonal Antibody, Unconjugated (bsm-61791R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.