

**bsm-61245R****[ Primary Antibody ]**

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## Myoglobin Recombinant Rabbit mAb

### — DATASHEET —

**Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 5D14**GeneID:** 4151**SWISS:** P02144**Target:** Myoglobin**Immunogen:** A synthesized peptide derived from human Myoglobin: 100-154/154.**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.

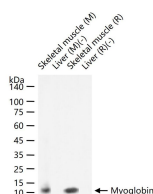
**Background:** Monomeric heme protein which primary function is to store oxygen and facilitate its diffusion within muscle tissues. Reversibly binds oxygen through a pentacoordinated heme iron and enables its timely and efficient release as needed during periods of heightened demand.

**Applications:** WB (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Flow-Cyt** (1:50-100)**ICC/IF** (1:50-200)**IP** (1:20-50)**Reactivity:** Human, Mouse, Rat

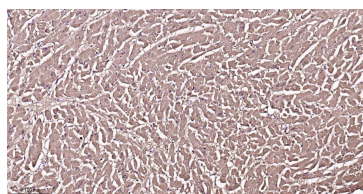
**Predicted**  
**MW.:** 17

**Subcellular** Extracellular matrix ,Cell  
**Location:** membrane

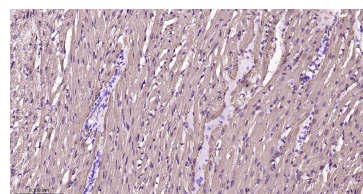
### — VALIDATION IMAGES —



25 ug total protein per lane of various lysates (see on figure) probed with Myoglobin monoclonal antibody, unconjugated (bsm-61245R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Heart; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Myoglobin Monoclonal Antibody, Unconjugated(bsm-61245R) 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 Heart; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Myoglobin Monoclonal Antibody, Unconjugated(bsm-61245R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.