

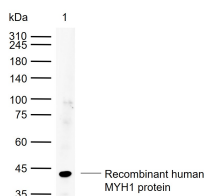
bs-42269R**[Primary Antibody]****MYH1 Rabbit pAb****Bioss**
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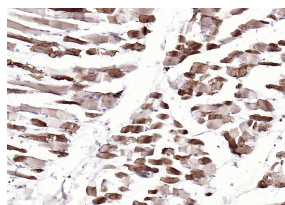
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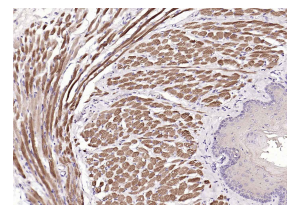
400-901-9800

— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 4619**SWISS:** P12882**Target:** MYH1**Immunogen:** Recombinant human MYH1 protein: 1-350/1939.**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].**Applications:** WB (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 223 kDa**Subcellular Location:** Cytoplasm**— VALIDATION IMAGES —**

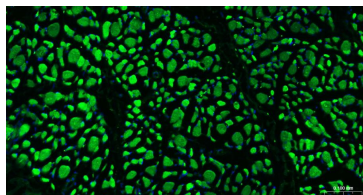
Sample: Lane 1: Recombinant human MYH1 protein, N-His(bs-42269P) Primary: Anti-MYH1 (bs-42269R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: kDa Observed band size: 44 kDa



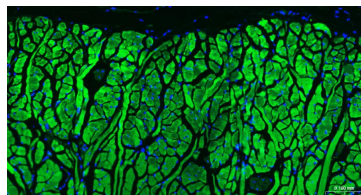
Paraformaldehyde-fixed, paraffin embedded (human skeletal muscle); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (MYH1) Polyclonal Antibody, Unconjugated (bs-42269R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat tongue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (MYH1) Polyclonal Antibody, Unconjugated (bs-42269R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Skeletal muscle; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with MYH1 Polyclonal Antibody, Unconjugated (bs-42269R) at 1:200 overnight at 4°C. Followed by conjugated Goat



Paraformaldehyde-fixed, paraffin embedded Mouse Tongue; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with MYH1 Polyclonal Antibody, Unconjugated (bs-42269R) at 1:200 overnight at 4°C. Followed by conjugated Goat

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Anti-Rabbit IgG antibody (green, bs-0295G-BF488), DAPI (blue, C02-04002) was used to stain the cell nuclei.

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