

**bsm-54729R****[ Primary Antibody ]****MYH7B Recombinant Rabbit mAb**

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**— DATASHEET —**

|   |                      |   |
|---|----------------------|---|
| <b>Host:</b> Rabbit   | <b>Isotype:</b> IgG  | <b>Applications:</b> WB (1:500)                   |
| <b>Clonality:</b> Recombinant   |                      | <b>Reactivity:</b> (predicted: Human, Mouse, Rat) |
| <b>GeneID:</b> 57644  | <b>SWISS:</b> A7E2Y1 |   |
| <b>Target:</b> MYH7B  |                      | <b>Predicted MW.:</b> 226 kDa                     |
| <b>Purification:</b> affinity purified by Protein A   |                      | <b>Subcellular Location:</b> Cell membrane        |
| <b>Concentration:</b> 1mg/ml  |                      |   |
| <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.  |                      |   |
| <b>Background:</b> The myosin II molecule is a multi-subunit complex consisting of two heavy chains and four light chains. This gene encodes a heavy chain of myosin II, which is a member of the motor-domain superfamily. The heavy chain includes a globular motor domain, which catalyzes ATP hydrolysis and interacts with actin, and a tail domain in which heptad repeat sequences promote dimerization by interacting to form a rod-like alpha-helical coiled coil. This heavy chain subunit is a slow-twitch myosin. Alternatively spliced transcript variants have been found, but the full-length nature of these variants is not determined. [provided by RefSeq, Mar 2010] |                      |   |