

## Mouse monoclonal antibody to fast skeletal Myosin [MY-38]: IgG

|                          |   |
|--------------------------|---|
| <b>Catalogue No.:</b>    | M-1202-100  |
| <b>Description:</b>      | THIS PRODUCT HAS BEEN SUPERCEDED. PLEASE REFER TO THE "REPLACED BY" FIELD BELOW TO LOCATE THE CURRENT BIOSENSIS PRODUCT TO MEET YOUR RESEARCH NEEDS. Fast skeletal myosin belongs to the myosin heavy chain family. It is a subunit of a hexameric protein that consists of two heavy chain subunits and two pairs of non-identical light chain subunits.   |
| <b>Replaced by:</b>      | M-1743-100  |
| <b>Batch No.:</b>        | See product label   |
| <b>Unit size:</b>        | 100 µg  |
| <b>Antigen:</b>          | Rabbit muscle myosin  |
| <b>Clone:</b>            | MY-38   |
| <b>Other Names:</b>      | Myosin-4; Myosin heavy chain 4; Myosin heavy chain 2b; MyHC-2b; MYH4;   |
| <b>Accession:</b>        | Q28641 MYH4_RABIT;  |
| <b>Produced in:</b>      | Mouse   |
| <b>Purity:</b>           | IgG   |
| <b>Applications:</b>     | Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 1.0-2.0 µg/ml is recommended for WB. Rabbit skeletal fast myosin (MYH4) has a predicted length of 1,938 residues and a MW of 223 kDa. A concentration of 1.5-2.0 µg/ml is recommended to detect the protein in formalin fixed and paraffin embedded tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user. |
| <b>Specificity:</b>      | The specificity of this antibody has been confirmed by WB and IHC against the antigen.  |
| <b>Cross-reactivity:</b> | Human; rat;   |
| <b>Form:</b>             | Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN <sub>3</sub>  |
| <b>Reconstitution:</b>   | Reconstitute in 1 ml of PBS (pH 7.4) to achieve an antibody concentration of 100 µg/ml. Centrifuge to remove any insoluble material.  |
| <b>Storage:</b>          | At least 12 months after purchase at 2 - 4°C (lyophilized formulations). After reconstitution, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles.   |
| <b>Expiry Date:</b>      | 12 months after purchase.   |

---

FOR RESEARCH USE ONLY

---