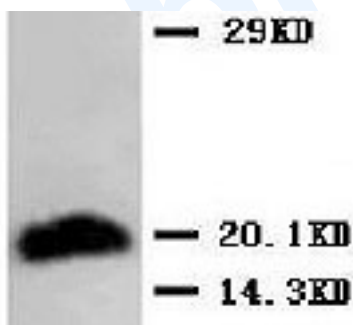




Mouse monoclonal antibody to slow skeletal Myosin [IML-64]: IgG

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|--------------------------|--|
| Catalogue No.: | M-1203-100 |
| Description: | Myosin is a hexameric protein that consists of two heavy chain subunits and two pairs of non-identical light chain subunits. This antibody recognizes an epitope located on a light chain subunit of human adult skeletal muscle myosin. |
| Batch No.: | See product label |
| Unit size: | 100 ug |
| Antigen: | Human skeletal muscle myosin purified from myofibrils |
| Clone: | IML-64 |
| Other Names: | Myosin II; MLC1/MLC3; MYL1; MLC1F/MLC3F; MYL2; MLC-2; MLC-2v; |
| Accession: | P05976 MYL1_HUMAN; P10916 MLRV_HUMAN; |
| Produced in: | Mouse |
| Purity: | IgG |
| Applications: | Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 0.5-2.0 ug/mL is recommended for WB. A concentration of 1.0-2.0 ug/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. |
| Specificity: | The specificity of this antibody has been confirmed by WB and IHC against the antigen. |
| Cross-reactivity: | Human; rat; |
| Form: | Liquid (0.5ml). 50% glycerol, 0.9mg NaCl and 0.2mg Na ₂ HPO ₄ |
| Reconstitution: | The liquid formulation should be diluted in PBS (pH 7.4) |
| Storage: | After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles. |
| Expiry Date: | 12 months after purchase |



Western Blot using rat skeletal muscle lysate. Mouse monoclonal antibody to slow skeletal Myosin [IML-64] antibody, catalog number M-1203-100 was added at 1 ug/ml and the secondary antibody was HRP-goat anti-mouse IgG at a dilution of 1:3000.

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