



## Product Information Sheet

### Monoclonal Anti-Myosin (Skeletal, Slow) (Sephacrose Bead Conjugate)

**Catalogue No.** MA1064-S

**Immunogen**

Human skeletal muscle myosin purified from myofibrils

**Lot No.** 08A12

**Purification**

**Clone:** IML-64

Purified by the goat anti-mouse IgG affinity chromatography.

**Ig type:** mouse IgG1

**Formulation**

50% slurry in PBS pH 7.2 with 0.01mg NaN<sub>3</sub> preservative.

**Size:** 100µg/vial

**Storage**

Store at 4°C for frequent use.

**Specificity**

Human, rat.

No cross reactivity with other proteins.

**Description:**

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays

**Recommended application**

*Immunoprecipitation(IP)*

**BACKGROUND**

Myosin is composed of 2 heavy chains of about 200,000 daltons each and 4 light chains of about 20,000 daltons each. Skeletal Myosin (slow),, also known as light chain 3(MYL3), mapped to 3p. Fodor et al. (1989) found that the MYL3 gene has 7 exons, the last of which is completely untranslated 3-prime sequence.

**REFERENCE**

1. Darras, B. T.; Fodor, B.; Vanin, E.; Francke, U. : A human myosin alkali light chain gene mapped to chromosome 3. (Abstract) Cytogenet. Cell Genet. 46: 603, 1987 2. Fodor, W. L.; Darras, B.; Seharaseyon, J.; Falkenthal, S.; Francke, U.; Vanin, E. F. : Human ventricular/slow twitch myosin alkali light chain gene characterization, sequence, and chromosomal location. J. Biol. Chem. 264: 2143-2149, 1989.

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