



Product Information Sheet

Monoclonal Anti-Myosin (Skeletal, Fast) (Sepharose Bead Conjugate)

Catalogue No. MA1063-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 NaN₃ preservative.

Size: 100µl

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.

For Research Use Only not for diagnostic and clinical use

Contact: [Antagene, Inc.](#) | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: Info@antageneinc.com