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## 39-1070: Anti-Myosin (Skeletal, Slow) Monoclonal Antibody (Clone: NOQ7.5.4D)

Clonality: Monoclonal Clone Name: NO07.5.4D

Application: WB Reactivity: Human Gene: MYH7 Gene ID: 4625 **Uniprot ID:** P12883

Myosin-7; Myosin heavy chain 7; Myosin heavy chain slow isoform; MyHC-slow; Myosin heavy **Alternative Name:** 

chain, cardiac muscle beta isoform; MyHC-beta; Myh7

Isotype: Mouse IgG1

**Immunogen Information:** Human skeletal muscle myosin purified from myofibrils.

## **Description**

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.

## **Product Info**

Amount: 100 μg/vial **Purification:** Ascites

Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative. Content:

Reconstitute: Add 1ml of PBS buffer will yield a concentration of 100ug/ml.

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and Storage condition:

stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

## **Application Note**

Western blot: 0.5-2µg/ml; Immunohistochemistry(Paraffin-embedded Section): 1-2µg/ml

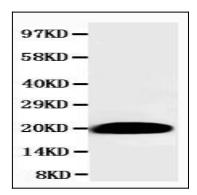


Figure 1: Anti-Myosin(Skeletal, Slow antibody(monoclonal) 39-1070. Western blotting: Rat Skeletal Muscle Tissue Lysate.