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39-1068: Anti-Myoglobin Monoclonal Antibody (Clone: MG-1)

Clonality: Monoclonal

Clone Name: MG-1 IHC-P Application: Reactivity: Human Gene: MB Gene ID: 4151 **Uniprot ID:** P02144 **Alternative Name:** Myoglobin; Mb Isotype: Mouse IgG1

Immunogen Information: Purified human skeletal muscle myoglobin.

Description

Human myoglobin has 152 residues. Two myoglobin variants were found. The myoglobin locus mapped to 22q11-22q13. The myoglobin gene is about 10.5 kb long and contains two introns as in the case with hemoglobin genes. Myoglobin may serve a variety of functions in muscular oxygen supply, such as O(2) storage, facilitated O(2) diffusion, and myoglobin-mediated oxidative phosphorylation.

Product Info

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

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

Storage condition:

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

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

Application Note

Immunohistochemistry(Paraffin-embedded Section) : $1-2\tilde{A} \square \hat{A}^{1}/4g/ml$

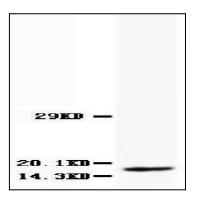


Figure 1: Anti-Myoglobin antibody(monoclonal) 39-1068 .Western blotting: Rat Skeletal Muscle Tissue Lysate.