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

Clonality: Monoclonal Clone Name: MG-1 Application: IHC-P Reactivity: Human Gene: MB Gene ID: 4151 **Uniprot ID:** P02144

Alternative Name: Myoglobin; Mb Mouse IgG1 Isotype:

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

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

Immunohistochemistry(Paraffin-embedded Section): 1-2μg/ml

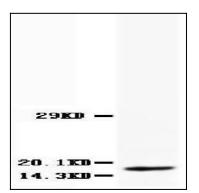


Figure 1: Anti-Myoglobin antibody(monoclonal) 39-1068 .Western blotting: Rat Skeletal Muscle Tissue Lysate.