
Myoglobin (6H8B) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252673

Unit: 0.1 mg

Description:

MB (Myoglobin) is a 154-amino acid protein (~17kDa), is a member of the globin superfamily and expression of myoglobin is highest in skeletal and cardiac muscle. Functionally, myoglobin is well accepted as an O₂-storage protein in muscle, capable of releasing O₂ during periods of hypoxia or anoxia. Myoglobin is also thought to buffer intracellular O₂ concentration when muscle activity increases and to facilitate intracellular O₂ diffusion by providing a parallel path that augments simple diffusion of dissolved O₂. Furthermore, myoglobin is used together with cTnI or cTnT in clinical practise for better specificity in AMI diagnosis.

Isotype: Mouse IgG1

Applications: WB, IHC

Species Reactivity: H

Format: Each vial contains 0.1 mg IgG in PBS pH7.4 with 0.03% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Myoglobin; PVALB; MGC13548; MB

Accession No.: P02144

Antigen: Purified recombinant fragment of Myoglobin expressed in E. coli.

Application Notes: WB: 1:500-1:2000; IHC: 1:200-1:1000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.