

Anti-Myoglobin Rabbit Monoclonal Antibody

Introduction

Myoglobin (MB) is an oxygen-binding protein that contains one polypeptide chain and one heme group. Reversible oxygen binding occurs by a linkage with the imidazole nitrogen of the 91st histidine residue in the myoglobin chain. Research studies indicate that the blockade of myoglobin in isolated cardiac myocytes mimics hypoxia when electrically stimulated for paced contractions. During fetal development, myoglobin is required to support cardiac function.

Product parameters

Alternative Names	MB; Myoglobin
Gene ID	4151
Gene Name	MB
SwissProt ID	P02144
Host	Rabbit
Reactivity	Human
Molecular Weight	-
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG
Isotype	Monoclonal Antibody
Clonality No.	AP-14G1B4
Form	Liquid
Concentration	See label
Carrier	Carrier Not Free
Immunogen	A synthesized peptide derived from human Myoglobin
Purification	Affinity Purified
Buffer System	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Application	IHC-P
Dilution Ratio	IHC: 1/100-1/200
Research Field	Cardiovascular

Product Categories	Primary antibody
Shipping	Blue ice
Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.



Protocol

Configure the product according to the application range and recommended dilution ratio.

***Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.



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