

Mouse Myoglobin Monoclonal Antibody | anti-MB antibody

Myoglobin antibody

CATALOG # AAA74377	HOST Mouse	REACTIVITY Myoglobin (human heart) 100%	APPLICATIONS ELISA
------------------------------	----------------------	---	------------------------------

PRODUCT SYNONYMS

Myoglobin; Monoclonal Antibody; Myoglobin antibody; Monoclonal Myoglobin; Anti-Myoglobin; anti-MB antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Myoglobin (human heart) 100%
Clonality	Monoclonal
Isotype	IgG1
Clone Number	7C3
Specificity	Human
Purity/Purification	Myoglobin antibody was purified by chromatography on protein A Sepharose.
Form/Format	Protein A purified murine ascites supplied in PBS, pH 7.4, 0.1 % NaN3.
Concentration	6.8mg/ml by OD280 nm (varies by lot)
Sequence Length	154
Applicable Applications for anti-MB antibody	ELISA
Biological Significance	Myoglobin is an iron- and oxygen-binding protein found in the muscle tissue of vertebrates in general and in almost all mammals. It is related to hemoglobin, which is the iron- and oxygen-binding protein in blood, specifically in the red blood cells. The only time myoglobin is found in the bloodstream is when it is released following muscle injury. It is an abnormal finding, and can be relevant when found in blood.
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Immunogen	Myoglobin antibody was raised in mouse using human cardiac myoglobin as the immunogen.
Preparation and Storage	Store at 4 degree C short term, -20 degree C for long term.

ADDITIONAL INFORMATION

Related Product Information for anti-MB antibody	Mouse monoclonal Myoglobin antibody
Product Categories/Family for anti-MB antibody	Cardiac Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	44955888
NCBI GeneID	4151

NCBI Accession #	NP_976312.1
NCBI GenBank Nucleotide #	NM_203378.1
UniProt Accession #	P02144 ; Q52H51 ; Q5THY7
Molecular Weight	17,184 Da
NCBI Official Full Name	myoglobin
NCBI Official Synonym Full Names	myoglobin
NCBI Official Symbol	MB
NCBI Official Synonym Symbols	PVALB; myoglobin
NCBI Protein Information	myoglobin
UniProt Protein Name	Myoglobin
UniProt Gene Name	MB
UniProt Entry Name	MYG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/monoclonal/myoglobin-antibody-clone-7c3-elisa/74377>