

Mouse anti-Human, Mouse Myoglobin Monoclonal Antibody | anti-MB antibody

Mouse anti-Myoglobin Monoclonal Antibody [5mb-64]

CATALOG # AAA213522	HOST Mouse	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Myoglobin; Monoclonal Antibody; Mouse anti-Myoglobin Monoclonal Antibody [5mb-64]; PVALB; myoglobin; myoglobgin; anti-MB antibody

PRODUCT SPECIFICATIONS

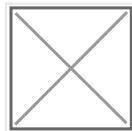
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	5mb-64
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Phosphate Buffered Saline (PBS) with 0.1% BSA and 0.09% Sodium Azide
Concentration	100ug/ml (varies by lot)
Applicable Applications for anti-MB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Human Myoglobin
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



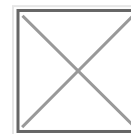
WB (Western Blot)

Detection of mouse Myoglobin by western blot. Samples: Whole cell tissue lysate (50 ug) from mouse liver, heart, and skeletal muscle. Antibody: Mouse anti-Myoglobin monoclonal antibody [5mb-64] (AAA213522 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-mouse IgG . Detection: Chemiluminescence with an exposure time of 10 seconds.



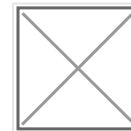
IHC (Immunohistochemistry)

Detection of human Myoglobin by immunohistochemistry. Sample: FFPE section of human cardiac muscle. Antibody: Mouse anti-Myoglobin monoclonal antibody [5mb-64] (AAA213522 lot 1). Secondary: HRP-conjugated goat anti-mouse IgG .



WB (Western Blot)

Detection of human Myoglobin by western blot. Samples: Whole cell tissue lysate (50 ug) from human heart and skeletal muscle. Antibody: Mouse anti-Myoglobin monoclonal antibody [5mb-64] (AAA213522 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-mouse IgG . Detection: Chemiluminescence with an exposure time of 1 second.



IHC (Immunohistochemistry)

Detection of mouse Myoglobin by immunohistochemistry. Sample: FFPE section of mouse skeletal muscle. Antibody: Mouse anti-Myoglobin monoclonal antibody [5mb-64] (AAA213522 lot 1). Secondary: HRP-conjugated goat anti-mouse IgG .

ADDITIONAL INFORMATION

Related Product Information for anti-MB antibody	Myoglobin is a protein responsible for binding both oxygen and iron, and is typically localized to heart and skeletal muscle tissue in mammals.
Product Categories/Family for anti-MB antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885477
NCBI GeneID	4151
NCBI Accession #	NP_005359.1
NCBI GenBank Nucleotide #	NM_005368.2
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
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://stage.aaabiotech.com/monoclonal/myoglobin-antibody-clone-5mb-64-immunohistochemistry-western-blot-elisa/213522>