

Mouse Myoglobin (MYO) Monoclonal Antibody | anti-MYO antibody

Monoclonal Antibody to Myoglobin (MYO)

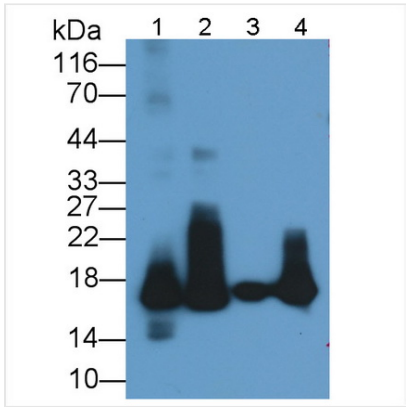
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21220	Mouse	Human, Rat, Pig	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation

PRODUCT SYNONYMS

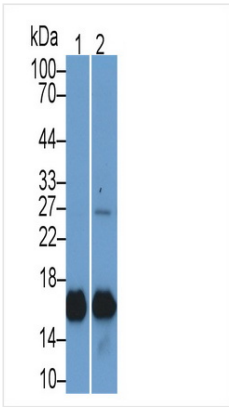
Myoglobin (MYO); Monoclonal Antibody; Monoclonal Antibody to Myoglobin (MYO); Myoglobin; PVALB; MB; anti-MYO antibody

PRODUCT SPECIFICATIONS

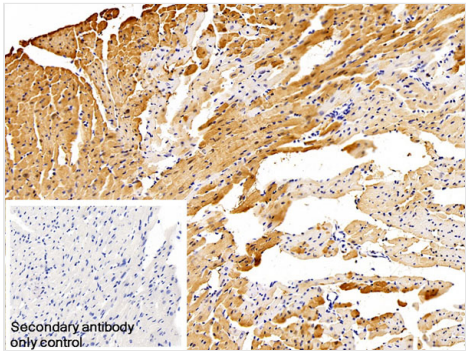
Host	Mouse
Reactivity	Human, Rat, Pig
Clonality	Monoclonal
Isotype	IgG2a Kappa
Clone Number	D1
Specificity	The antibody is a mouse monoclonal antibody raised against MYO. It has been selected for its ability to recognize MYO in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Met1~Gly154
Applicable Applications for anti-MYO antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IP (Immunoprecipitation)
Application Notes	WB: 0.5-3ug/mL IHC: 5-30ug/mL ICC: 5-30ug/mL
Immunogen	Recombinant Myoglobin (MYO)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



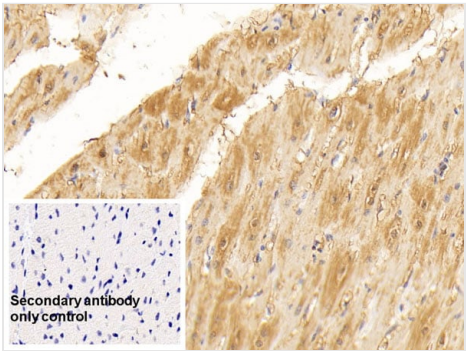
WB (Western Blot)
Western Blot; Sample: Lane1: Rat Skeletal muscle lysate; Lane2: Rat Heart lysate; Lane3: Porcine Skeletal muscle lysate; Lane4: Porcine Heart lysatePrimary Ab: 0.2ug/ml Mouse Anti-human MYO AntibodySecond Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



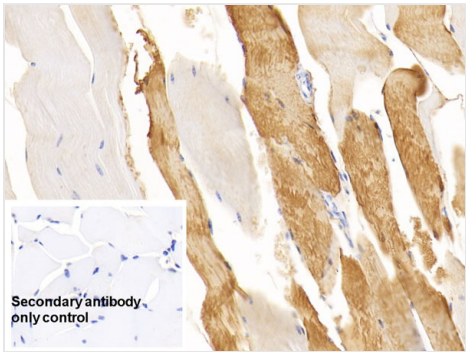
WB (Western Blot)
Western Blot; Sample: Lane1: Rat Skeletal muscle lysate; Lane2: Rat Heart lysate Primary Ab: 2ug/ml Mouse Anti-human MYO Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



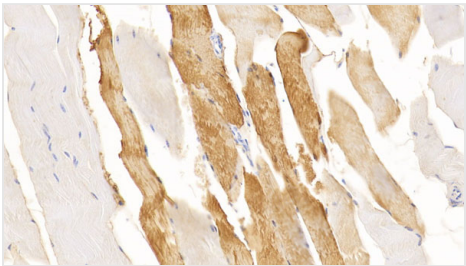
IHC (Immunohistochemistry)
DAB staining on IHC-P;Sample: Mouse Cardiac Muscle TissuePrimary Ab: 30ug/ml Mouse Anti-human MYO AntibodyControl: Used PBS instead of primary antibodySecond Ab: 2 ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)
DAB staining on IHC-P;Sample: human Cardiac Muscle TissuePrimary Ab: 30ug/ml Mouse Anti-human MYO AntibodyControl: Used PBS instead of primary antibodySecond Ab: 2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)
DAB staining on IHC-P;Sample: human Skeletal muscle TissuePrimary Ab: 30ug/ml Mouse Anti-human MYO AntibodyControl: Used PBS instead of primary antibodySecond Ab: 2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)
DAB staining on IHC-P;Sample: human Skeletal muscle Tissue; Primary Ab: 30ug/ml Mouse Anti-human MYO AntibodySecond Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-MYO antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Cardiovascular biology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4885477
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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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/myoglobin-myo-antibody-clone-d1-western-blot-immunohistochemistry-immunocytochemistry-immunoprecipitation-elisa/21220>