

## ARG41438 anti-Myoglobin antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Myoglobin
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Myoglobin
Species	Human
Immunogen	Synthetic peptide of Human Myoglobin.
Conjugation	Un-conjugated
Alternate Names	PVALB; myoglobin; Myoglobin

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	IP	1:30
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Human heart muscle	
Observed Size	~ 19 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

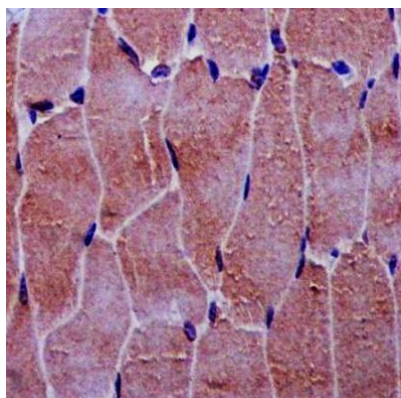
## Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

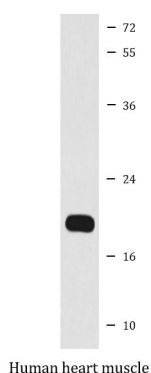
Gene Symbol	MB
Gene Full Name	myoglobin
Background	This gene encodes a member of the globin superfamily and is expressed in skeletal and cardiac muscles. The encoded protein is a haemoprotein contributing to intracellular oxygen storage and transcellular facilitated diffusion of oxygen. At least three alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq, Jul 2008]
Function	Serves as a reserve supply of oxygen and facilitates the movement of oxygen within muscles. [UniProt]
Calculated Mw	17 kDa

## Images



ARG41438 anti-Myoglobin antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human skeletal muscle tissue stained with ARG41438 anti-Myoglobin antibody.



ARG41438 anti-Myoglobin antibody WB image

Western blot: Human heart muscle lysate stained with ARG41438 anti-Myoglobin antibody.