

ARG57113 anti-Myoglobin antibody [6E10]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [6E10] recognizes Myoglobin
Tested Reactivity	Hu, Ms
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	6E10
Isotype	IgG1, kappa
Target Name	Myoglobin
Species	Human
Immunogen	Recombinant fragment around aa. 1-154 of Human Myoglobin
Conjugation	Un-conjugated
Alternate Names	PVALB; myoglobin; Myoglobin

Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

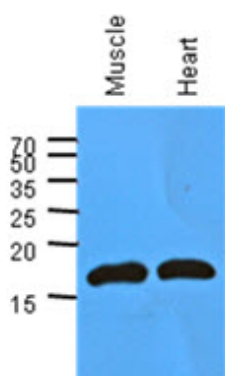
Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 mg/ml
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

Database links	GeneID: 17189 Mouse GeneID: 4151 Human Swiss-port # P02144 Human Swiss-port # P04247 Mouse
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



ARG57113 anti-Myoglobin antibody [6E10] WB image

Western blot: 40 µg of Mouse muscle and heart lysates stained with ARG57113 anti-Myoglobin antibody [6E10] at 1:1000.