Datasheet for ABIN1539881

anti-Myoglobin antibody (AA 103-130)

1 Image

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Overview

Quantity:	400 µL
Target:	Myoglobin (MB)
Binding Specificity:	AA 103-130
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Myoglobin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Myoglobin antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 103-130 amino acids from human Myoglobin.
Clone:	444CT19-2-1
Isotype:	IgG1
Predicted Reactivity:	Hs, Pr, Pig
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	Myoglobin (MB)
Alternative Name:	Myoglobin (MB Products)

Target Details

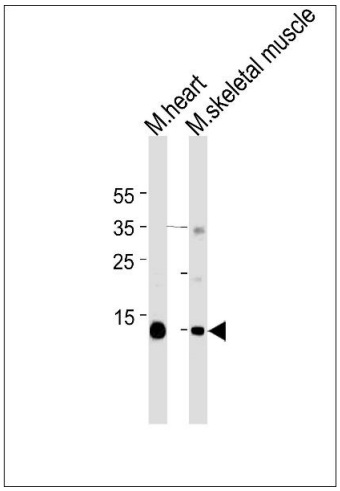
Background:	This gene encodes a member of the globin superfamily and is expressed in skeletal and cardiac muscles. The encoded protein is a haemoprotein contributing to intracellular oxygen storage and transcellular facilitated diffusion of oxygen. At least three alternatively spliced transcript variants encoding the same protein have been reported.
Molecular Weight:	17184
Gene ID:	4151
NCBI Accession:	NP_005359, NP_976311, NP_976312
UniProt:	P02144
Pathways:	Brown Fat Cell Differentiation

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Myoglobin Antibody can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. Myoglobin Antibody (ABIN1539881 and ABIN2843846) western blot analysis in mouse heart and skeletal muscle tissue lysates (35 µg/lane).This demonstrates the Myoglobin antibody detected the Myoglobin protein (arrow).