

Magic™ Anti-Myoglobin monoclonal antibody, clone 8D4 (DMAB-L21016)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with human cardiac myoglobin.
Antigen Description	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]
Specificity	Human cardiac myoglobin
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	8D4
Purification	Chromatography on protein A Sepharose
Conjugate	Unconjugated
Applications	Human cardiac myoglobin immunoassay. Recommended pairs for sandwich immunoassay (capture - detection): DMAB-L21015 - DMAB-L21016
Buffer	PBS, pH 7.4, 0.1 % sodium azide (NaN?)
Preservative	0.1% Sodium Azide

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Storage	4°C

GENE INFORMATION

Gene Name	MB myoglobin [Homo sapiens]
Official Symbol	MB
Synonyms	MB; Myoglobin; OTTHUMP00000197919; PVALB; MGC13548; OTTHUMP00000197921; OTTHUMP00000197922; OTTHUMP00000197935; OTTHUMP00000197936
Entrez Gene ID	4151
Protein Refseq	NP_005359
UniProt ID	P02144
Chromosome Location	22q13.1
Function	Heme binding; metal ion binding; oxygen binding; oxygen transporter activity

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