



# Magic™ Anti-Myoglobin monoclonal antibody, clone 5F3 (DMAB-L21015)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with human cardiac myoglobin.
<b>Antigen Description</b>	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]
<b>Specificity</b>	Human cardiac myoglobin
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	5F3
<b>Purification</b>	Chromatography on protein A Sepharose
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Human cardiac myoglobin immunoassay. Recommended pairs for sandwich immunoassay (capture - detection): DMAB-L21015 - DMAB-L21016
<b>Buffer</b>	PBS, pH 7.4, 0.1 % sodium azide (NaN <sub>3</sub> )
<b>Preservative</b>	0.1% Sodium Azide

Storage

4°C

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## GENE INFORMATION

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