



# Magic™ Anti-Myoglobin monoclonal antibody, clone C2575N (DCAB-TJ197)

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

## PRODUCT INFORMATION

<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 alt
<b>Specificity</b>	Human myoglobin
<b>Immunogen</b>	Human Myoglobin
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	C2575N
<b>Affinity Constant</b>	Not Determined
<b>Purification</b>	> 95% pure (SDS-PAGE). Protein A Chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Detection of human myoglobin in Sandwich ELISA or Lateral Flow Immunoassay. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessar Suggested pair for testing (Capture - Detection): <a href="#">DCAB-TJ198</a> - DCAB-TJ197
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	1.03 mg/mL (OD280 nm, E 0.1% = 1.3)

<b>Size</b>	1 mg
<b>Buffer</b>	50 mM Sodium Chloride, 10 mM PBS, pH 8.0.
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Short term, store at 2-8°C. For long-term storage, aliquot and store frozen at -20°C. Avoid multiple freeze/thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">MB myoglobin [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	MB
<b>Synonyms</b>	MB; myoglobin; PVALB; myoglobgin; Myoglobin
<b>Entrez Gene ID</b>	<a href="#">4151</a>
<b>Protein Refseq</b>	<a href="#">NP_005359</a>
<b>UniProt ID</b>	<a href="#">P02144</a>
<b>Chromosome Location</b>	22q13.1
<b>Pathway</b>	Effects of nitric oxide, organism-specific biosystem
<b>Function</b>	heme binding; iron ion binding; oxygen binding; oxygen transporter activity