



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

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 alt
Specificity	Human myoglobin
Immunogen	Human Myoglobin
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	C2575N
Affinity Constant	Not Determined
Purification	> 95% pure (SDS-PAGE). Protein A Chromatography
Conjugate	Unconjugated
Applications	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): DCAB-TJ198 - DCAB-TJ197
Format	Purified, Liquid
Concentration	1.03 mg/mL (OD280 nm, E 0.1% = 1.3)

Size	1 mg
Buffer	50 mM Sodium Chloride, 10 mM PBS, pH 8.0.
Preservative	0.1% Sodium Azide
Storage	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

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