



Anti-Myoglobin monoclonal antibody, clone CDI573 (DMAB1574MH)

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

PRODUCT INFORMATION

Product Overview	MAb to Myoglobin Monoclonal Antibody to Human Myoglobin
Antigen Description	Myoglobin is an iron- and oxygen-binding protein found in the muscle tissue of vertebrates in general and in almost all mammals. It is related to hemoglobin, which is the iron- and oxygen-binding protein in blood, specifically in the red blood cells. The only time myoglobin is found in the bloodstream is when it is released following muscle injury.
Specificity	Myoglobin
Immunogen	Purified Human Myoglobin
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	CDI573
Affinity Constant	Not determined.
Purification	Protein G chromatography
Conjugate	Unconjugated
Applications	Suitable for use in ELISA. 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 necessarily be excluded. Recommended pairs for sandwich immunoassay:

- **Capture**
[DMAB1574MH](#)
- **Detection**
[DPAB0631GH](#)

Format	Purified, Liquid
Concentration	2.15mg/ml
Size	1 mg
Buffer	PBS, pH 7.3
Preservative	0.05% Sodium Azide
Storage	Short term, store at 2–8°C. Long term store at -20°C. Avoid multiple/freeze thaw cycles.

GENE INFORMATION

Gene Name	MB myoglobin [Homo sapiens]
Official Symbol	MB
Synonyms	OTTHUMP00000197919; OTTHUMP00000197921; OTTHUMP00000197922; OTTHUMP00000197935; OTTHUMP00000197936; PVALB; MGC13548; MB; myoglobin
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