

Product Datasheet

Myoglobin (Myo) Monoclonal Antibody (orb1921765)

Description	Myoglobin (Mb) is a monomeric 17,800-Da protein, which incorporates a heme group in a hydrophobic crevice during the folding process. It can transport and store oxygen in muscles. Mb is present in oxidative striated muscles and cardiac myocytes as well as in smooth muscle cells. Notably, Mb has also been traced in human tumor-associated mammary cells. Mb can be detected in the serum as early as two hours after myocardial necrosis begins. Mb has low cardiac specificity but high sensitivity, which makes it most useful for ruling out myocardial infarction if the level is normal in the first four to eight hours after the onset of symptoms.
Species/Host	Mouse
Conjugation	Unconjugated
Tested Applications	CLIA, LF
Form/Appearance	Purified, Liquid
Storage	For long term storage, the product should be stored at -20°C or lower.
Note	For research use only
Application notes	Recommended Applications: LFIA , CLIA. Test Methods: Test Linear Range, Test Detection Limit
Sample Types	Test sample type: Serum / Plasma. Test sample source: Human
Clonality	Monoclonal
Purity	> 95% pure (SDS-PAGE).
MW	150 kDa
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)