

Mouse monoclonal antibody to human Myoglobin [JAN-12]: IgG

Catalogue No.:	M-1201-100
Description:	Myoglobin is a small heme containing protein that functions as a reserve supply of oxygen as well as facilitating the movement of oxygen within muscles. At least 3 isoforms of human Myoglobin are produced by alternative splicing.
Batch No.:	See product label
Unit size:	100 μ g
Antigen:	Purified human skeletal muscle myoglobin
Clone:	12-Jan
Other Names:	MB; PVALB; MGC13548;
Accession:	P02144 MYG_HUMAN;
Produced in:	Mouse
Purity:	IgG
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 0.5-2.0 μ g/ml is recommended for WB. Human myoglobin (precursor) has a predicted length of 154 residues and MW of 17 kDa. A concentration of 1.0-2.0 μ g/ml is recommended to detect myoglobin in formalin fixed and paraffin embedded tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human; rat;
Form:	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN ₃
Reconstitution:	Reconstitute in 1 ml of PBS (pH 7.4) to achieve an antibody concentration of 100 μ g/ml. Centrifuge to remove any insoluble material.
Storage:	After reconstitution, aliquot and store at -20 $^{\circ}$ C for a higher stability. Avoid freeze-thaw cycles
Expiry Date:	12 months after purchase

FOR RESEARCH USE ONLY
