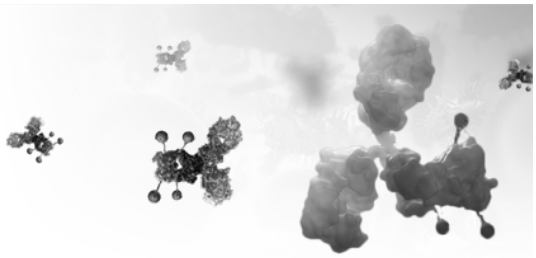

Mouse Anti-Human Myoglobin monoclonal antibody, clone JID743 (CABT-L2887)

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

PRODUCT INFORMATION

Product Overview	This antibody is intended for qualified laboratories to qualitatively identify by light microscopy the presence of associated antigens in sections of formalin-fixed, paraffin-embedded tissue sections using IHC test methods.
Specificity	Human Myoglobin
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	JID743
Conjugate	Unconjugated
Applications	IHC
Reconstitution	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining. The concentrated antibody requires dilution in the optimized buffer, to the recommended working dilution range.
Positive Control	Skeletal Muscle
Format	Liquid
Size	Predilut: 7 ml, Concentrate: 100 µl, Concentrate: 1 ml
Buffer	Predilute: Antibody Diluent Buffer Concentrate: Tris Buffer, pH 7.3 - 7.7, with 1% BSA

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Preservative	< 0.1% Sodium Azide
Storage	Store at 2-8°C. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction	Myoglobin is a globular protein which functions as the primary oxygen carrier of muscle tissues. It is found solely in skeletal and cardiac muscle, and therefore it may be used to differentiate rhabdomyosarcoma from other soft tissue tumors. Anti-Myoglobin is also utilized to establish rhabdomyoblastic differentiation in other tumors, such as neurogenic sarcomas and malignant mixed mesodermal tumors of the uterus and ovary.
Keywords	MB;myoglobin;PVALB;myoglobgin;

GENE INFORMATION

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

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