



Mouse Anti-Human Myosin, Smooth Muscle monoclonal antibody, clone JID744 (CABT-L3022)

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 Myosin, Smooth Muscle
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	JID744
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
Preservative	< 0.1% Sodium Azide
Storage	Store at 2-8°C. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction	Myosin, Smooth Muscle is a critical structural component of the contractile apparatus in smooth muscle cells, and belongs to a large family of motor proteins known as myosins, which function in actin-based motility. Anti-Myosin, Smooth Muscle stains human visceral and vascular smooth muscle cells, as well as human myoepithelial cells.
Keywords	MGC133384;Myh 1 antibody;Myh1;MYH2;MYH3;MYH4;MYH6;MYHa;MyHC 2X/D;MyHC IIx/d