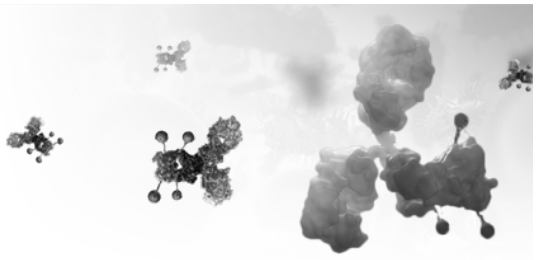

Mouse Anti-Human Desmin monoclonal antibody, clone JID672 (CABT-L2987)

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 Desmin
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	JID672
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

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

BACKGROUND

Introduction	Desmin is a type III intermediate filament present in normal smooth, skeletal, and cardiac muscle cells. Analysis by light microscopy suggests desmin localizes towards the periphery of Z-lines in striated muscle fibrils. Desmin connects cytoplasmic dense bodies to membranous dense plaques in smooth muscles. Anti-Desmin stains rhabdomyomas, leiomyosarcoma, rhabdomyosarcoma, leiomyomas, and perivascular cells from skin glomus tumors, and is used to identify the myogenic characteristics of tumors. Desmin can also be found in myofibroblasts and desmoid fibromatosis.
Keywords	CMD1I;CSM1;CSM2;DES;DESM;Desmin;FLJ12025;FLJ39719;FLJ41013;FLJ41793;Intermediate filament protein

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