

Monoclonal Antibody to Human Desmin

Catalog No.:	DM060S
Quantity:	0.5 ml
Concentration:	0.55 mg/ml
Host / Isotype:	Mouse / IgG1
Clone:	D33
Immunogen:	Desmin purified from human muscle.
Applications:	Immunohistochemistry on frozen and paraffin embedded sections. Use with AutoProbe III (Cat. No. 08-803). For a threestep avidin-biotin complex system with extensive incubation protocols, a dilution of 1:50 to 1:100 may be used as a guideline. It is recommended that this product be used on frozen tissue sections or specimens. Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts with the 53 kD intermediate filament protein desmin in muscle cells. Both striated (skeletal and cardiac) and smooth muscle cells are recognized by this antibody. The recognition is confined to the Z bands in skeletal and cardiac muscle. Cellular Localization: cytoplasmic.
Storage:	Store the antibody at 4°C. Do not freeze! Shelf life: one year from despatch.
General Readings:	Aliquoting Instructions: Do not dilute the entire reconstituted solution at once. Withdraw aliquots as needed with a micropipette and keep concentrated stock at 4C. Dilute according to the particular application being used. In general, the 0.05M Borate pH 8.0 containing 0.15M Sodium Chloride, 0.05% Sodium Azide, is a good diluent to use with most antibodies. Avoid diluting the entire contents of the vial at once since the diluted solution may have reduced stability. 1. Altmannsberger M, Weber K, Droste R, Osborn M. Desmin is a specific marker for rhabdomyosarcomas of human and rat origin. Am J Pathol. 1985 Jan;118(1):85-95. PubMed PMID: 3881039. 2. Osborn M, Altmannsberger M, Debus E, Weber K. Conventional and monoclonal antibodies to intermediate filament proteins in human tumor diagnosis. In: Cancer Cells 1. The transformed phenotype. Cold Spring Harbor Lab., 191-200, 1984. 3. Miettinen M, Lehto VP, Virtanen I. Antibodies to intermediate filament proteins in the diagnosis and classification of human tumors. Ultrastruct Pathol. 1984;7(2-3):83-107. PubMed PMID: 6085434. 4. Miettinen M, Lehto VP, Virtanen I. Antibodies to intermediate filament proteins. The differential diagnosis of cutan

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com

