

# Monoclonal Mouse Antibody to Human Desmin

**Description:**

Immunogen:	BALB/C mice were immunized with purified desmin from human muscle.
Clone:	D33.
Isotype:	IgG1, Kappa.
Format:	This antibody has been pretitered and quality controlled to work on formalin-fixed paraffin-embedded as well as acetone fixed cryostat tissue sections. No further titration is required.
Specificity:	This antibody reacts with desmin protein of 53 kD. Both striated as well as smooth muscle cells stain well with this antibody. The antibody shows a broad interspecific cross-reactivity i.e. reacts with human, rat, chicken and hamster.

**Uses/Limitations:** Immunohistochemistry  
For Research Use Only.  
Do not use past expiration date.

**Storage:** 2-8° Centigrade.

**Procedure:** We suggest an incubation period of 30 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the user. Prolonged fixation in formalin might destroy the antigen and hence the staining.

**Precautions:** Contains Sodium Azide as a preservative.  
Do not pipette by mouth.

**References:**

- i) Altmannsberger et al. Am J Pathol 118: 85, 1985.
- ii) Mieltien et al. Arch Dermatol 121: 736, 1985.
- iii) Gatter et al. J Clin Pathol 39: 950, 1986.