

## Human Desmin, clone 33 Monoclonal Antibody

**Catalog No.:** MON3001-1

**Quantity:** 1 ml

### Specificity

This antibody is highly reactive with desmin. On immunoblots only the 56 kD desmin band is stained. Immunogen derived from human Leiomyoma.

### Crossreactivity

GFAP : not detectable  
Keratin : not detectable  
Vimentin : not detectable  
Neurofilament : not detectable

### Immunoglobulin type

Murine IgG<sub>1</sub>

### Use

The antibody stains muscle cells in human tissues. Frozen sections show excellent staining in immunohistochemistry or immunofluorescence. On sections of formalin fixed and paraffin embedded tissue the staining is somewhat reduced. The antibody is useful Western blots.

### Instructions for use

For use in staining of tissue sections the antibody has to be diluted approx. 1:100, preferably in phosphate buffered saline. For positive controle of Western blotting a preparation of leiomyoma cells is recommended. Recommended positive control: skeleton muscle, rhabdomyosarcomas and leiomyoma cells.

### Presentation

1 ml diluted supernatant in 0.15 M PBS with approximately 25 µg antibody/ml and 1% BSA and 0.1% sodium azide. Sufficient for 100-500 tests. Cat.nr. MON3001-1.

5 ml diluted supernatant in 0.15 M PBS with approximately 25 µg antibody/ml and 1% BSA and 0.1% sodium azide. Sufficient for 500-2500 tests. Cat.nr. MON3001-5.

### Literature

- Seidal, T., et al., 1987, Appl. Pathol. 5: 201-219.
- Ramaekers, F., et al., 1983, Histochemical Y. 15:691-713.
- van Muijen, G., et al., 1987, Lab. Invest. 57:359-369.
- Seidal, T., et al., 1988, A.P.M.I.S 96: 825-838.

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