

Desmin clone D33

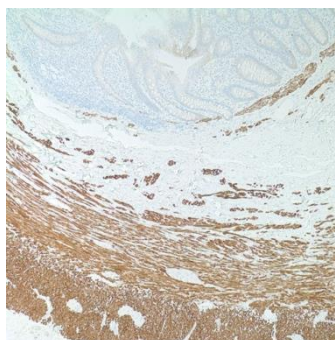
Instructions For Use

Specification:

Desmin also known as Human muscle, 53kD. Desmin is an intermediate filament protein of both smooth and striated muscles. Antibody to desmin reacts with striated (skeletal and cardiac) as well as smooth muscle cells. In skeletal and cardiac muscles, the staining is confined to the Z-bands giving a characteristic striated appearance. Anti desmin antibody is useful in indication of tumors of myogenic origin. It reacts with leiomyosarcomas (smooth muscle) as well as rhabdomyosarcomas (striated muscle).

Availability:

| Catalog No. | Contents | Volume |
|-------------|----------|--------------------|
| ILM5116-C01 | Desmin | 0,1 ml concentrate |
| ILM5116-C05 | Desmin | 0,5 ml concentrate |
| ILM5116-C1 | Desmin | 1,0 ml concentrate |



Intended use: For Research Use Only

Reactivity: Human

Clone: D33

Species of origin: Mouse

Isotype: IgG1

Control Tissue: Skeletal muscle, rhabdomyosarcomas and leiomyoma cells

Staining: Cytoplasmic

Immunogen: Human leiomyoma

Presentation: Diluted supernatant in 0.15 M PBS with approximately 25 µg antibody/ml and 1% BSA and 0.1% sodium azide

Application and suggested dilutions:

For IHC staining on formalin-fixed, paraffin embedded tissue sections no special pretreatment needed.

- Immunohistochemical staining of cryostat tissue sections (dilution up to 1:100-1:200)
- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution up to 1:100-1:200)
- Western Blots
- Immunofluorescence

The optimal dilution for a specific application should be determined by the investigator.

Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended.

Storage & Stability: Store at 2-8 °C. Do not use after expiration date printed on the vial.

References:

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