

Rabbit anti-Desmin Polyclonal Antibody

Catalog No.: PS031

Quantity: 0.25 ml

Specificity

The antiserum is specifically directed against 53 kDa Desmin protein, the main intermediate filament in mature skeletal, cardiac and smooth muscle cells. Cross-reactivity is observed with Desmin from most mammals (also mouse and rat) and birds. Immunogen: preparation from chicken gizzard. Antigen location, cytoplasm.

Use

The antibodies can be used to distinguish by means of immunohistochemistry, rhabdomyosarcomas and leiomyosarcomas from other soft tissue tumors, lymphomas and carcinomas. It can be used both on frozen tissue sections and on standard formaldehyde fixed paraffin embedded tissue sections (without antigen retrieval). This antibody can also be used in immunoblotting.

Positive control

Muscle of the skeleton and rhabdomyosarcomas

Instructions for use

For immunohistochemistry on frozen sections fixation with acetone for 5 min. at -20°C is recommended. Working dilution: 1:50-1:100. Dilution buffer: 0.15 M phosphate buffered saline with 1% BSA and 0.1% sodium azide. On paraffin sections no pretreatment is necessary. Optimal dilution should be tested by serial dilutions.

Presentation

Liquid antiserum: 0.25 ml.

Literature

- Garcia-Martinez V., et al. Cell shape and cytoskeletal organization of endothelial cells of the semi lunar heart valves in the developing chick (1986). Anat. Embryol., 174, 83-89.

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