



Category: Polyclonal Antibodies	Cat. # 1107NF-213M	Product Name: Desmin - Prediluted Polyclonal
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Description:
Polyclonal Rabbit Anti-Desmin

Immunogen:
Human desmin.

Application:
This antibody is prediluted for Immunohistochemistry use.

Species Reactivity:
Human, Porcine. Others not tested.

Recommended Positive Control:
Heart Muscle, Smooth and Skeletal Muscle, Leiomyoma and Rhabdomyomas

Presentation:
Polyclonal antibody prediluted in Primary Antibody Diluting Buffer pH 7.6 and quality controlled using formalin-fixed paraffin-embedded human small intestine tissue sections.

Aliquoting Instructions:
Not applicable

Staining Procedure:
The prediluted antibody can be used on frozen cryostat sections as well as formalin-fixed paraffin-embedded tissue sections. For paraffinembedded tissue sections, we recommend an incubation time and temperature of 30 minutes at 37°C for this antibody, when used in conjunction with an immunoperoxidase staining kit.
*Prolonged fixation in buffered formalin can destroy the epitope.

Specificity:
Desmin is the main intermediate filament in mature skeletal, cardiac, and smooth muscle cells. In immunoblots, this antibody reacts with a 53 kD polypeptide. This antibody cross-reacts with most mammalian desmins. It does not react with vimentin or human cytokeratins.

Storage:
Refrigerate at 4°C. Do not freeze.

Size: 5 ml
Host: Rabbit
Form: Prediluted
Concentration: .002-.003 mg/ml
Units On Hand: YES

References:
1. Geisler, et al, J. Biol. Chem., 111: 425-433, 1980
2. Lazarides, E., Ann. Rev. Biochem., 80: 166-182, 1982
3. Bignamis, E., et al, J. Histochem. and Cytochem., 32: 473-476, 1984

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Contact: Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: Info@antageneinc.com