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## Produktinformation



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- Mindermengenzuschlag
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- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Purified Mouse Anti-Human Alpha-Smooth Muscle Actin Monoclonal Antibody

**CLSG36501**  
**CLSG36501-05**  
**Lot:**

**Immunogen:** BALB/C mice were injected with N-terminal decapeptide of alpha-smooth muscle actin.

**Clone:** 1A4

**Isotype:** IgG2a, Kappa

**Format:** 1 ml (**CLSG36501**) or 0.5 ml (**CLSG36501-05**). This antibody is supplied as purified immunoglobulin containing sodium azide as preservative.

**Titer/Working Dilution:** This antibody may be diluted to a titer of 1:25-1:50 in an ABC method. However, depending on the staining conditions employed, we suggest that final dilution should be determined by the user.

**Staining Protocol:** 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. Suitable for formalin/paraffin tissues.

**Specificity:** This antibody is specific to alpha-smooth isoform of actin. It reacts with smooth muscle cells of vessels and different parenchymes. This antibody does not cross-react with beta and gamma-cytoplasmic, alpha-sarcomeric and alpha-myocardial actin isoforms.

**Positive Control:** Leiomyoma

**Cellular Localization:** Cytoplasmic

**Storage:** Store the antibody at 2-8°C. Do not use it beyond the expiration date stated on the label.

**References:**

- i) Skalli et al. Am J Cell Biol 103: 2787, 1986.
- ii) Skalli et al. Lab Invest 60: 275, 1989.
- iii) Skalli et al. J Histo Chem 37: 315, 1989.
- iv) O'Byrne et al. Br J cancer 82: 1427, 2000.

**Laboratory Reagent For Research Use Only**

JV 05/19/11

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