

alpha Smooth Muscle Actin antibody [1A4] (FITC)

Cat. No. GTX72531

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	ICC/IF, IHC-P, IHC-Fr, FCM
Reactivity	Human, Mouse, Rat, Rabbit, Guinea pig, Baboon

References (12)

Package

100 µg

Applications

Application Note

For IF: Use at 10-20 µg/ml for 2 hours at room temperature. For IF: paraffin-embedded or frozen sections, as well as on cell smears can be used. Optimal dilutions/concentrations should be determined by the end user.

Product Note

This antibody reacts with the alpha-smooth muscle isoform of actin. It does not react with actin from fibroblasts (beta- and gamma-cytoplasmic), striated muscle (alpha-sarcomeric) and myocardium (alpha-myocardial).

Properties

Form	Liquid
Buffer	50mM Potassium Phosphate, 150mM NaCl, 1% BSA, carrier polysaccharides
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light.
Immunogen	The N-terminal decapeptide of alpha-smooth muscle actin
Purification	Unpurified
Conjugation	Fluorescein isothiocyanate (FITC) Wavelength _x000B_Absorption : 495 nm_x000B_ ; Emission : 528 nm_x000B_ Ratio : 0.7 molecules FITC per Mouse IgG molecule.

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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