

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

Cat. No. GTX72531

Host	Mouse
Clonality	Monoclonal
Isotype	lgG2a
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 $10-20 \mu g/ml$ 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) <u>Wavelength</u> Ratio : 0.7 (FITC molecules/Mouse IgG molecules)
Conjugation	



For full product information, images and publications, please visit our <u>website</u>.

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