

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

Cat. No. GTX72531

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

Reference (12)

Package

100 µg

APPLICATION

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.

Calculated MW	42 kDa. (Note)
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 pH7.2, 150mM Sodium Chloride, 10mg/ml 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) _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. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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