

Product Datasheet

alpha-Smooth Muscle Actin Antibody (0.N.5) NB120-18147

Unit Size: 0.25 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB120-18147

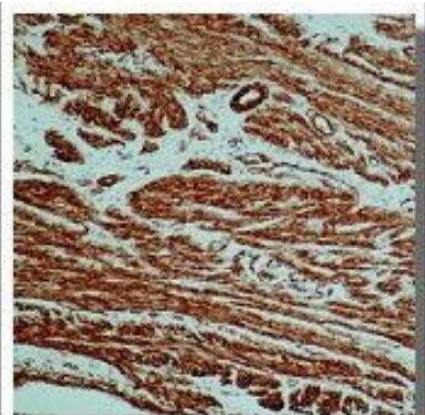
alpha-Smooth Muscle Actin Antibody (0.N.5)

Product Information	
Unit Size	0.25 ml
Concentration	0.04 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	0.N.5
Preservative	0.09% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein A purified
Buffer	PBS (pH 7.4) and 0.2% BSA
Target Molecular Weight	42 kDa
Product Description	
Host	Mouse
Gene ID	59
Gene Symbol	ACTA2
Species	Human, Mouse, Rat, Chicken, Baboon, Rabbit
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Marker	Mesenchymal Cell Marker
Specificity/Sensitivity	Recognizes the alpha-smooth muscle isoform of actin. Does not react with actin from fibroblasts (b-and g-cytoplasmic), striated muscle (a-sarcomeric), and myocardium (a-myocardial).
Immunogen	Alpha-Smooth Muscle Actin Antibody (0.N.5) is made to N-terminal decapeptide of the Alpha smooth muscle isoform of Actin; acetylated at the N-terminus. The specific epitope is the Acetyl group and the first 4 amino acids on the N-terminal end of the peptide chain of Alpha-smooth Actin. Cellular Localization: Cytoplasmic.
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:800, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:800



Images

Immunohistochemistry-Paraffin: alpha-Smooth Muscle Actin Antibody (0.N.5) [NB120-18147] - Formalin-fixed, paraffin-embedded human leiomyoma for alpha-Smooth Muscle Actin using peroxidase-conjugate and DAB chromogen. Note cytoplasmic staining of smooth muscle cells.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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