

Product Datasheet

alpha-Smooth Muscle Actin Antibody (1A4+5C5) NB120-17146

Unit Size: 0.5 ml

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB120-17146

Updated 9/11/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NB120-17146



NB120-17146

alpha-Smooth Muscle Actin Antibody (1A4+5C5)

Product Information	
Unit Size	0.5 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1A4+5C5
Preservative	Sodium Azide
Isotype	IgG2a
Purity	Unpurified
Buffer	Ascites

Product Description	
Host	Mouse
Gene ID	59
Gene Symbol	ACTA2
Species	Human, Rat, Bovine, Guinea Pig, Rabbit, Sheep
Reactivity Notes	Cross-reacts with Human, Sheep, Bovine, Rat, Rabbit, Cow, Guinea pig, Frog, Carp and Snake. Not yet tested in other species.
Marker	Mesenchymal Cell Marker
Specificity/Sensitivity	Useful in identifying tumors arising from muscle cells, i.e. leiomyosarcoma as well as rhabdomyosarcoma.
Immunogen	BALB/C mice were injected with N-terminal decapeptide of Actin Alpha 2 Smooth Muscle for 1A4 and with purified rabbit striated muscle actin for 5C5.

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	IHC-P: 1/25 - 1/50. An incubation period of 30 minutes at room temperature usingf an ABC method is recommended.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-
techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB120-17146

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

