

Product Datasheet

MUC1 Antibody (SM3) - Azide and BSA Free NBP2-80859

Unit Size: 0.1 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/NBP2-80859

Updated 9/9/2025 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/NBP2-80859



NBP2-80859

MUC1 Antibody (SM3) - Azide and BSA Free

Product Information

Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SM3
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Protein G purified
Buffer	PBS

Product Description

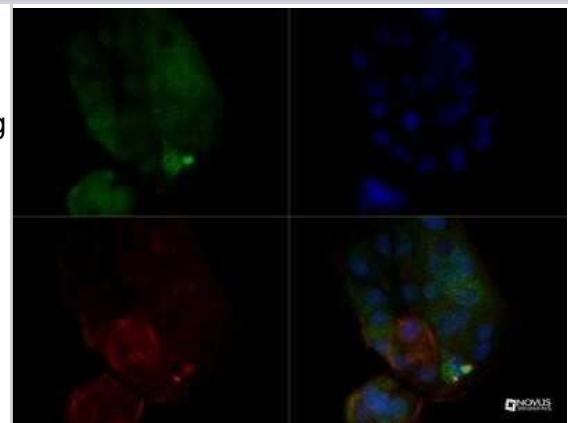
Description	Novus Biologicals Mouse MUC1 Antibody (SM3) - Azide and BSA Free (NB120-22711) is a monoclonal antibody validated for use in IHC, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4582
Gene Symbol	MUC1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 1372533) No record of testing in other species.
Immunogen	Hydrogen fluoride deglycosylated milk mucin.

Product Application Details

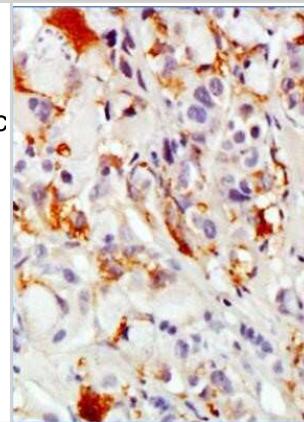
Applications	Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready
Recommended Dilutions	Flow Cytometry reported in multiple pieces of scientific literature, ELISA reported in multiple pieces of scientific literature, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 10 ug/ml, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, CyTOF-ready
Application Notes	IHC-Fr and IHC-P: Use at an assay dependent dilution.

Images

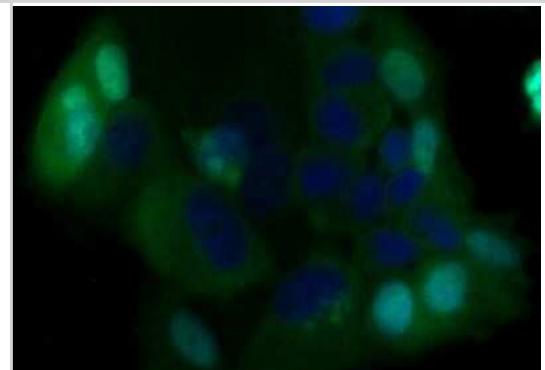
Immunocytochemistry/Immunofluorescence: MUC1 Antibody (SM3) - Azide and BSA Free [NBP2-80859] - MUC-1 antibody was tested in MCF7 cells at 10 ug/ml using a Dylight 488 conjugated secondary antibody (Green). Actin (Red) and DNA (Blue) were counterstained using Phalloidin 568 and DAPI. Image from the standard format of this antibody.



Immunohistochemistry-Paraffin: MUC1 Antibody (SM3) - Azide and BSA Free [NBP2-80859] - IHC analysis of formalin fixed paraffin embedded tissue section of human breast cancer xenograft using MUC-1 antibody clone SM3 at 1:10 dilution. The xenograft section depicted a very specific and intense signal in the periphery of the cancer cells. The n

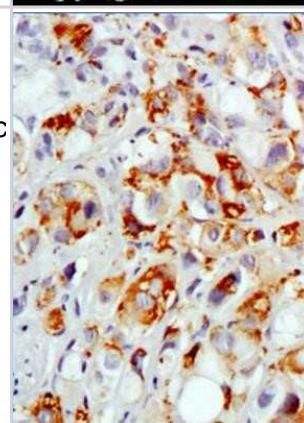


Immunocytochemistry/Immunofluorescence: MUC1 Antibody (SM3) - Azide and BSA Free [NBP2-80859] - MCF7 cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.05% Triton-X100. The cells were incubated with anti-MUC1 [SM3] at 5 ug/ml overnight at 4C and detected with an anti-mouse IgG Dylight 488 (Green) at a 1:500 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective. Image from the standard format of this antibody.



Copyright © 2018 Novus Biologicals

Immunohistochemistry-Paraffin: MUC1 Antibody (SM3) - Azide and BSA Free [NBP2-80859] - IHC analysis of formalin fixed paraffin embedded tissue section of human breast cancer xenograft using MUC-1 antibody clone SM3 at 1:10 dilution. The xenograft section depicted a very specific and intense signal in the periphery of the cancer cells. The n





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

Products Related to NBP2-80859

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00004582-Q01-10ug	Recombinant Human MUC1 GST (N-Term) Protein

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/NBP2-80859

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