

Product Datasheet

Serpin A1/alpha 1-Antitrypsin Antibody (OTI9A1) - Azide and BSA Free NBP2-74095

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-74095

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/NBP2-74095



NBP2-74095

Serpine A1/alpha 1-Antitrypsin Antibody (OTI9A1) - Azide and BSA Free

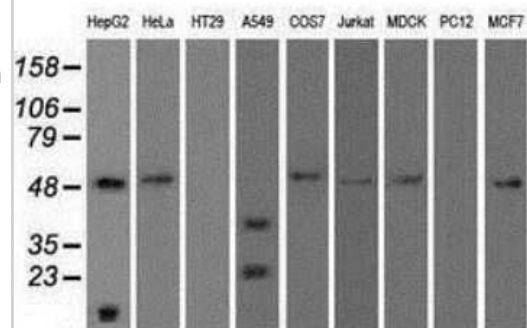
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI9A1
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	46.7 kDa

Product Description	
Description	Novus Biologicals Mouse Serpin A1/alpha 1-Antitrypsin Antibody (OTI9A1) - Azide and BSA Free (NBP1-47957) is a monoclonal antibody validated for use in IHC, WB, Flow and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5265
Gene Symbol	SERPINA1
Species	Human, Canine, Primate, Monkey
Immunogen	Full-length protein expressed in 293T cell transfected with human SERPINA1 expression vector

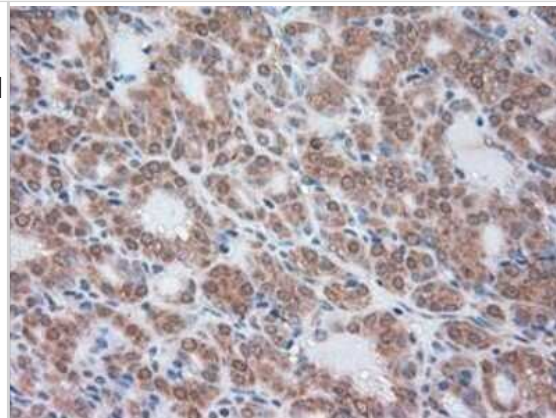
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-1000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunoprecipitation 2ug/500ul, Immunohistochemistry-Paraffin, CyTOF-ready

Images

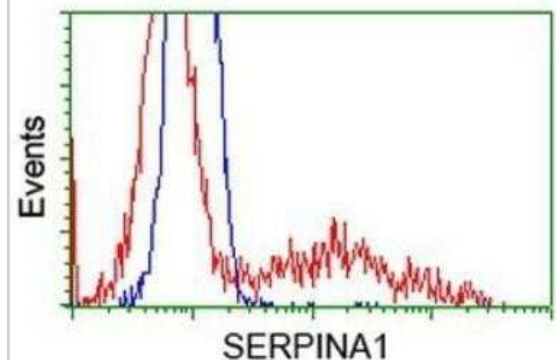
Western Blot: Serpin A1/alpha 1-Antitrypsin Antibody (OTI9A1) - Azide and BSA Free [NBP2-74095] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY alpha 1 Antitrypsin (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-al



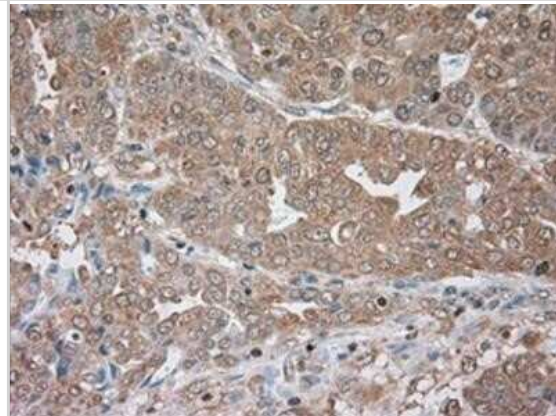
Immunohistochemistry: Serpin A1/alpha 1-Antitrypsin Antibody (OTI9A1) - Azide and BSA Free [NBP2-74095] - Staining of paraffin-embedded Human pancreas tissue using anti-alpha 1 Antitrypsin mouse monoclonal antibody.



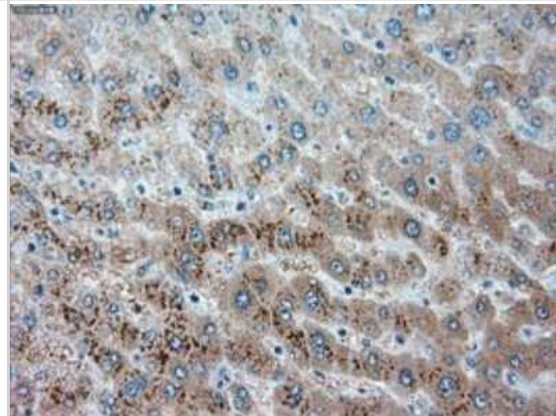
Flow Cytometry: Serpin A1/alpha 1-Antitrypsin Antibody (OTI9A1) - Azide and BSA Free [NBP2-74095] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-alpha 1 Antitrypsin antibody, and then analyzed by flow cytometry.



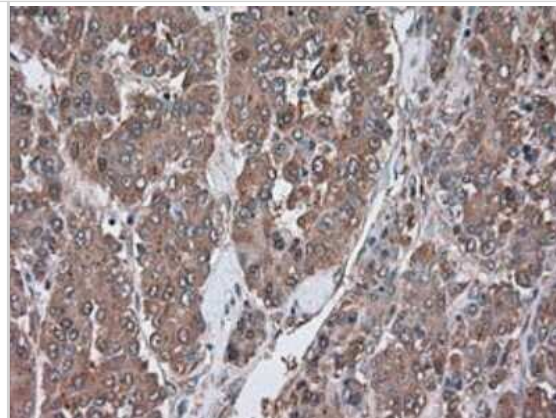
Immunohistochemistry: Serpin A1/alpha 1-Antitrypsin Antibody (OTI9A1) - Azide and BSA Free [NBP2-74095] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-alpha 1 Antitrypsin mouse monoclonal antibody.



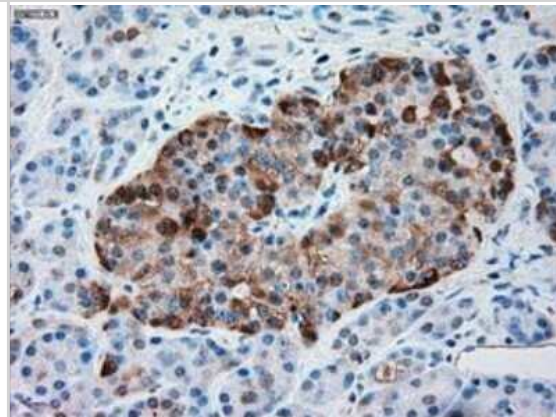
Immunohistochemistry: Serpin A1/alpha 1-Antitrypsin Antibody (OTI9A1) - Azide and BSA Free [NBP2-74095] - Staining of paraffin-embedded Carcinoma of Human liver tissue using anti-alpha 1 Antitrypsin mouse monoclonal antibody.



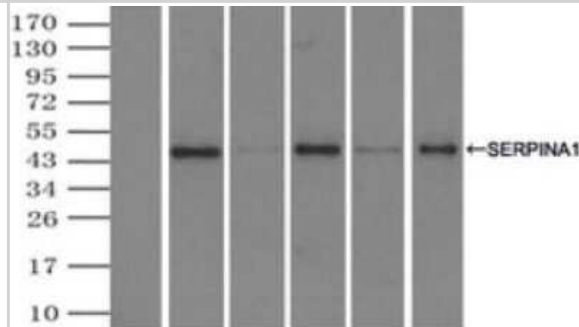
Immunohistochemistry: Serpin A1/alpha 1-Antitrypsin Antibody (OTI9A1) - Azide and BSA Free [NBP2-74095] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-alpha 1 Antitrypsin mouse monoclonal antibody.



Immunohistochemistry: Serpin A1/alpha 1-Antitrypsin Antibody (OTI9A1) - Azide and BSA Free [NBP2-74095] - Staining of paraffin-embedded Human liver tissue using anti-alpha 1 Antitrypsin mouse monoclonal antibody.



Immunoprecipitation: Serpin A1/alpha 1-Antitrypsin Antibody (OTI9A1) - Azide and BSA Free [NBP2-74095] - Immunoprecipitation (IP) of SERPINA1 by using a monoclonal anti-SERPINA1 antibodies (Negative control: IP without adding anti-SERPINA1 antibody.). For each experiment, 500ul of DDK tagged SERPINA1 overexpression lysates (at 1:5 dilution with HEK293T lysate), 2ug of anti-SERPINA1 antibody and 20ul (0.1mg) of goat anti-mouse conjugated magnetic beads were mixed and incubated overnight. After extensive wash to remove any non-specific binding, the immuno-precipitated products were analyzed with rabbit anti-DDK polyclonal antibody.





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 NBP2-74095

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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/NBP2-74095

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

