

# 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.

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**NBP2-74095**

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

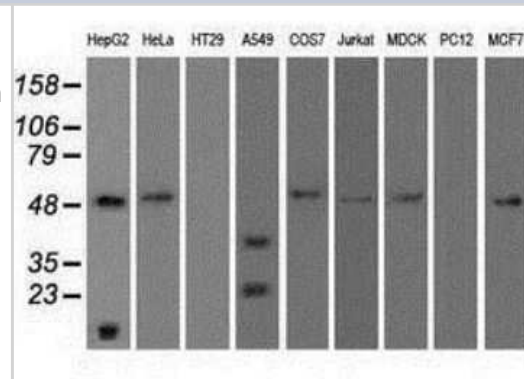
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI9A1
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with PBS (pH 7.3). To use this carrier-free antibody for conjugation experiments, another round of desalting is highly recommended.
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	46.7 kDa

Product Description	
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

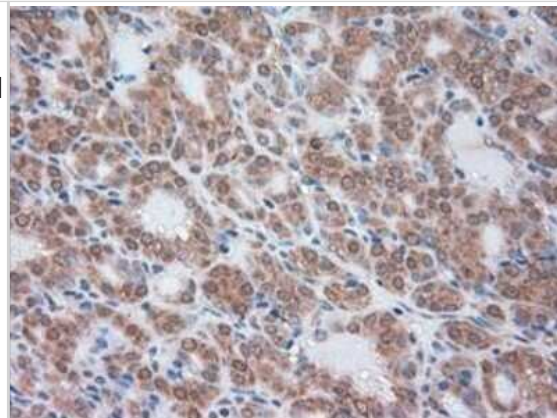
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-1000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunoprecipitation 2ug/500ul, CyTOF-ready

**Images**

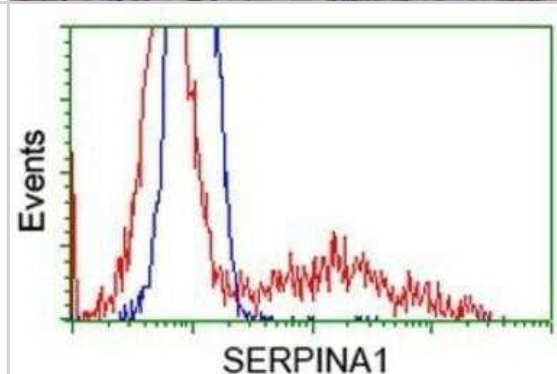
Western Blot: Serpin A1/alpha 1-Antitrypsin Antibody (OTI9A1) - Azide and BSA Free [NBP2-74095] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY alpha 1 Antitrypsin (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were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



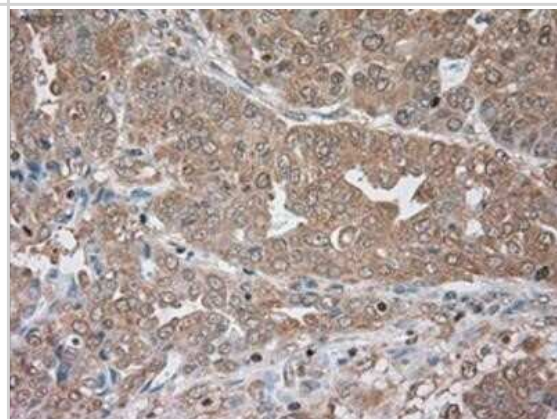
Immunohistochemistry: Serpin A1/alpha 1-Antitrypsin Antibody (OTI9A1) - Azide and BSA Free [NBP2-74095] - Staining of paraffin-embedded Human pancreas tissue using anti-alpha 1 Antitrypsin mouse monoclonal antibody.



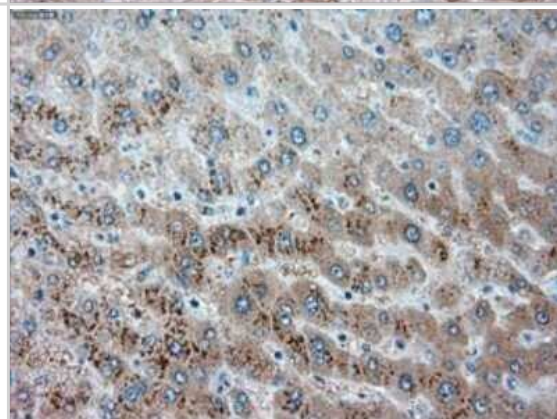
Flow Cytometry: Serpin A1/alpha 1-Antitrypsin Antibody (OTI9A1) - Azide and BSA Free [NBP2-74095] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-alpha 1 Antitrypsin antibody, and then analyzed by flow cytometry.



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.



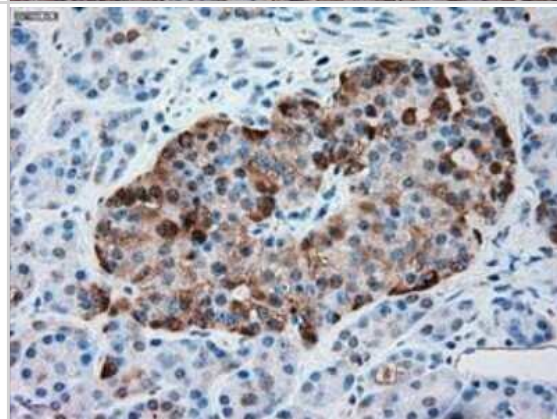
Immunohistochemistry: Serpin A1/alpha 1-Antitrypsin Antibody (OTI9A1) - Azide and BSA Free [NBP2-74095] - Staining of paraffin-embedded Carcinoma of Human liver tissue using anti-alpha 1 Antitrypsin mouse monoclonal antibody.



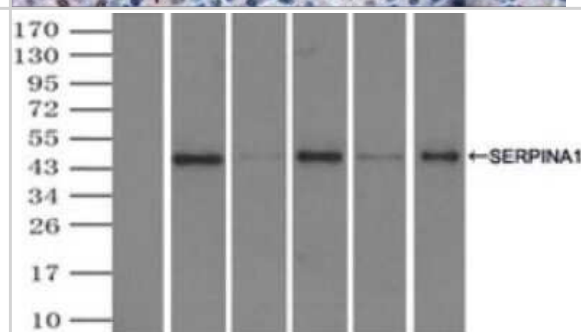
Immunohistochemistry: Serpin A1/alpha 1-Antitrypsin Antibody (OTI9A1) - Azide and BSA Free [NBP2-74095] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-alpha 1 Antitrypsin mouse monoclonal antibody.



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.







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### **Products Related to NBP2-74095**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBC1-18549	Recombinant Human Serpin A1/alpha 1-Antitrypsin 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.

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