

# Product Datasheet

## Serpin A3/alpha 1-Antichymotrypsin Antibody (5G3C11) - BSA Free NBP2-52559

Unit Size: 0.1 mg

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

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### Publications: 1

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**NBP2-52559**

Serpine A3/alpha 1-Antichymotrypsin Antibody (5G3C11) - BSA Free

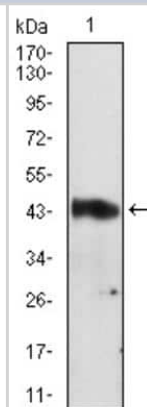
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5G3C11
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	47.7 kDa

Product Description	
Description	Novus Biologicals Mouse Serpin A3/alpha 1-Antichymotrypsin Antibody (5G3C11) - BSA Free (NBP2-52559) is a monoclonal antibody validated for use in IHC, WB, ELISA and Flow. Anti-Serpine A3/alpha 1-Antichymotrypsin Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	12
Gene Symbol	SERPINA3
Species	Human
Immunogen	Purified recombinant fragment of human Serpin A3/alpha 1-Antichymotrypsin (AA: 279-432) expressed in E. Coli.

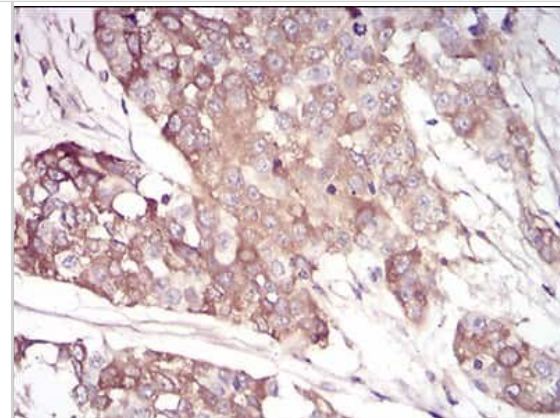
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry 1:200-1:1000, Immunohistochemistry-Paraffin, CyTOF-ready
Application Notes	This antibody is Cytof ready.

**Images**

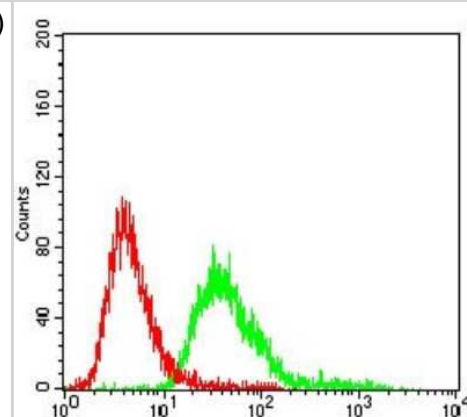
Western Blot: Serpin A3/alpha 1-Antichymotrypsin Antibody (5G3C11) [NBP2-52559] - Analysis using SERPIN A3 mouse mAb against A549 cell lysate.



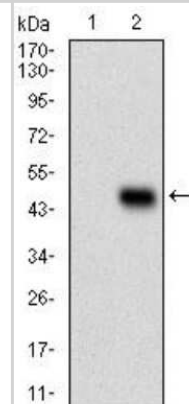
Immunohistochemistry-Paraffin: Serpin A3/alpha 1-Antichymotrypsin Antibody (5G3C11) [NBP2-52559] - Analysis of paraffin-embedded bladder cancer tissues using SERPINA3 mouse mAb with DAB staining.



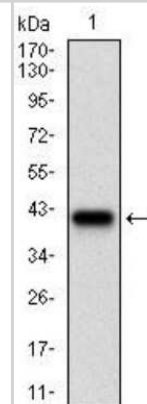
Flow Cytometry: Serpin A3/alpha 1-Antichymotrypsin Antibody (5G3C11) [NBP2-52559] - Analysis of A549 cells using SERPINA3 mouse mAb (green) and negative control (red).



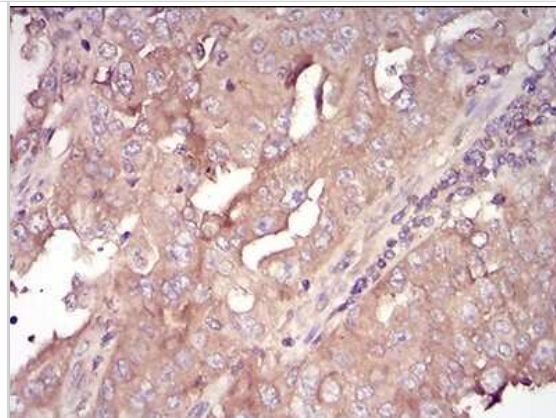
Western Blot: Serpin A3/alpha 1-Antichymotrypsin Antibody (5G3C11) [NBP2-52559] - Analysis using SERPINA3 mAb against HEK293 (1) and SERPINA3 (AA: 279-432)-hlgGfc transfected HEK293 (2) cell lysate.



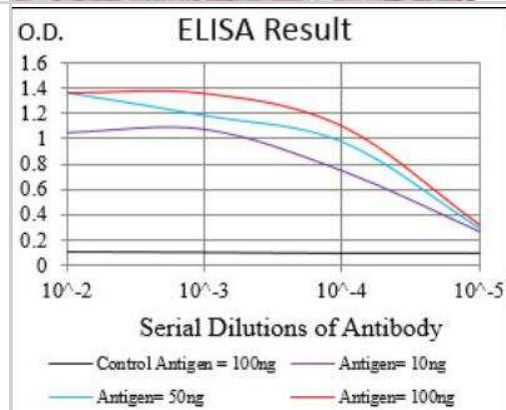
Western Blot: Serpin A3/alpha 1-Antichymotrypsin Antibody (5G3C11) [NBP2-52559] - Analysis using SERPINA3 mAb against human SERPINA3 (AA: 279-432) recombinant protein. (Expected MW is 42.3 kDa)



Immunohistochemistry-Paraffin: Serpin A3/alpha 1-Antichymotrypsin Antibody (5G3C11) [NBP2-52559] - Analysis of paraffin-embedded endometrial cancer tissues using SERPINA3 mouse mAb with DAB staining.



ELISA: Serpin A3/alpha 1-Antichymotrypsin Antibody (5G3C11) [NBP2-52559] - Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng).



## Publications

Neidleman JA, Chen JC, Kohgadai N et al. Mucosal stromal fibroblasts markedly enhance HIV infection of CD4+ T cells. PLoS Pathog. 2017-02-01 [PMID: 28207890] (ELISA, Human)



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### **Products Related to NBP2-52559**

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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)

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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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