

Product Datasheet

Serpin A1/alpha 1-Antitrypsin Antibody (5D1D2) - BSA Free NBP2-52557

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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NBP2-52557

Serpine A1/alpha 1-Antitrypsin Antibody (5D1D2) - 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	5D1D2
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	46.7 kDa

Product Description

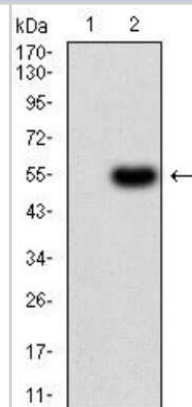
Host	Mouse
Gene ID	5265
Gene Symbol	SERPINA1
Species	Human
Immunogen	Purified recombinant fragment of human Serpin A1/alpha 1-Antitrypsin (AA: 23-237) expressed in E. Coli.

Product Application Details

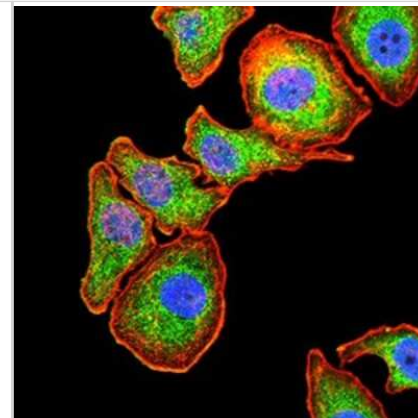
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry 1:200-1:1000, Immunocytochemistry/Immunofluorescence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

Images

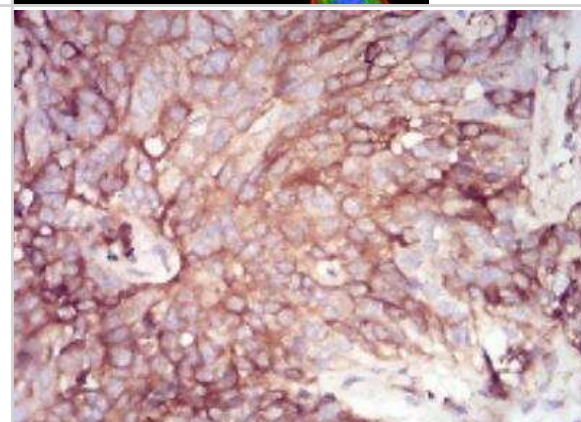
Western Blot: Serpin A1/alpha 1-Antitrypsin Antibody (5D1D2) [NBP2-52557] - Analysis using SERPINA1 mAb against HEK293 (1) and SERPINA1 (AA: 23-237)-hlgGfC transfected HEK293 (2) cell lysate.



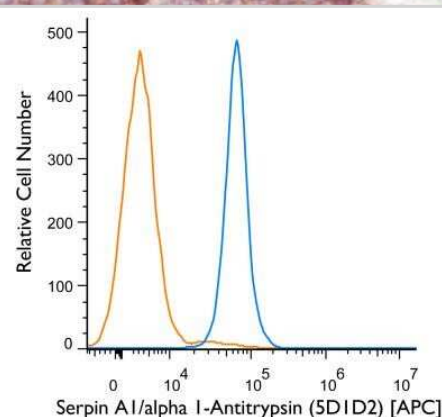
Immunocytochemistry/Immunofluorescence: Serpin A1/alpha 1-Antitrypsin Antibody (5D1D2) [NBP2-52557] - Immunofluorescence analysis of GC-7901 cells using SERPINA1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



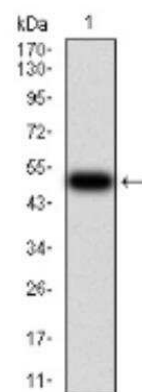
Immunohistochemistry-Paraffin: Serpin A1/alpha 1-Antitrypsin Antibody (5D1D2) [NBP2-52557] - Analysis of paraffin-embedded bladder cancer tissues using SERPINA1 mouse mAb with DAB staining.



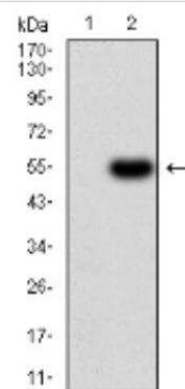
Flow Cytometry: Serpin A1/alpha 1-Antitrypsin Antibody (5D1D2) [NBP2-52557] - An intracellular stain was performed on A549 cells with Serpin A1/alpha 1-Antitrypsin antibody (5D1D2) NBP2-52557APC (blue) and a matched isotype control NBP1-97005APC (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 1 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Allophycocyanin. Image using the Allophycocyanin form of this antibody.



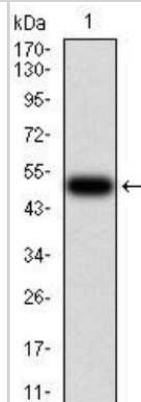
Western Blot: Serpin A1/alpha 1-Antitrypsin Antibody (5D1D2) [NBP2-52557] - Analysis using SERPINA1 mAb against human SERPINA1 (AA: 23-237) recombinant protein. (Expected MW is 50.3 kDa)



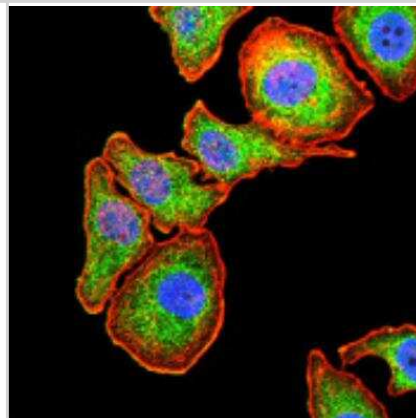
Western Blot: Serpin A1/alpha 1-Antitrypsin Antibody (5D1D2) [NBP2-52557] - Analysis using SERPINA1 mAb against HEK293 (1) and SERPINA1 (AA: 23-237)-hlgGFc transfected HEK293 (2) cell lysate.



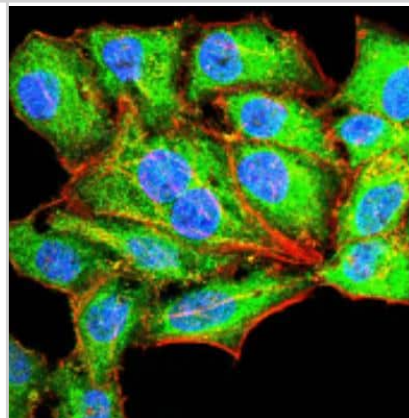
Western Blot: Serpin A1/alpha 1-Antitrypsin Antibody (5D1D2) [NBP2-52557] - Analysis using SERPINA1 mAb against human SERPINA1 (AA: 23-237) recombinant protein. (Expected MW is 50.3 kDa)



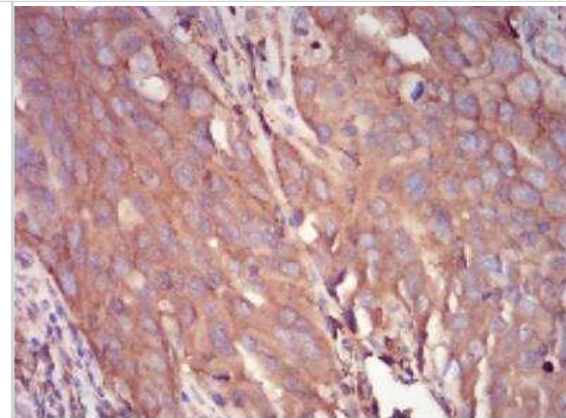
Immunocytochemistry/Immunofluorescence: Serpin A1/alpha 1-Antitrypsin Antibody (5D1D2) [NBP2-52557] - Analysis of GC-7901 cells using SERPINA1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



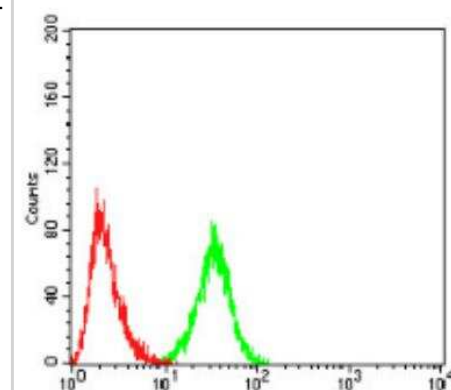
Immunocytochemistry/Immunofluorescence: Serpin A1/alpha 1-Antitrypsin Antibody (5D1D2) [NBP2-52557] - Analysis of HepG2 cells using SERPINA1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



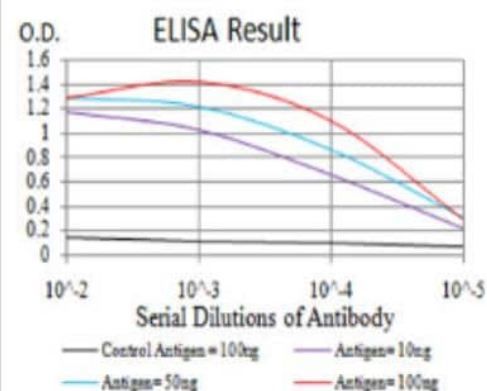
Immunohistochemistry-Paraffin: Serpin A1/alpha 1-Antitrypsin Antibody (5D1D2) [NBP2-52557] - Analysis of paraffin-embedded ovarian cancer tissues using SERPINA1 mouse mAb with DAB staining.



Flow Cytometry: Serpin A1/alpha 1-Antitrypsin Antibody (5D1D2) [NBP2-52557] - Analysis of Hela cells using SERPINA1 mouse mAb (green) and negative control (red).



ELISA: Serpin A1/alpha 1-Antitrypsin Antibody (5D1D2) [NBP2-52557] - Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Publications

Sayeed A, Dalvano BE, Kaplan DE et al. Profiling the circulating mRNA transcriptome in human liver disease Oncotarget 2020-06-09 [PMID: 32577166] (WB, Human)



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Products Related to NBP2-52557

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

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