

Product Name: SERPINA3 Mouse Monoclonal Antibody
Catalog #: AMM81395



Summary

Production Name	SERPINA3 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IHC,FC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	SERPINA3
Alternative Names	ACT; AACT; GIG24; GIG25
Gene ID	12.0
SwissProt ID	P01011.Purified recombinant fragment of human SERPINA3 (AA: 279-432) expressed in E. Coli.

Application

Dilution Ratio	WB:1:500-1:2000,IHC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	47.7kDa

Background

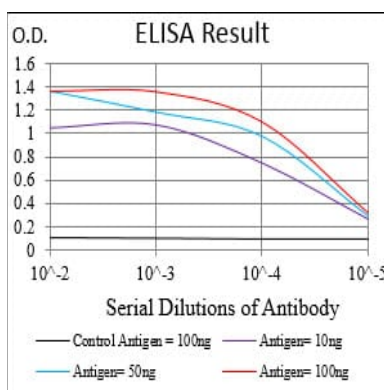
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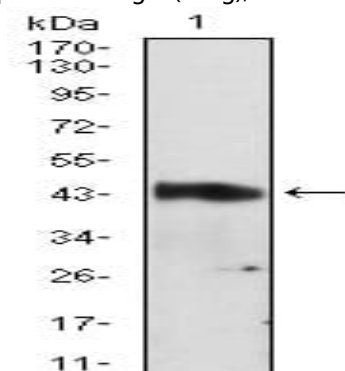
The protein encoded by this gene is a plasma protease inhibitor and member of the serine protease inhibitor class. Polymorphisms in this protein appear to be tissue specific and influence protease targeting. Variations in this protein's sequence have been implicated in Alzheimer's disease, and deficiency of this protein has been associated with liver disease. Mutations have been identified in patients with Parkinson disease and chronic obstructive pulmonary disease.

Research Area

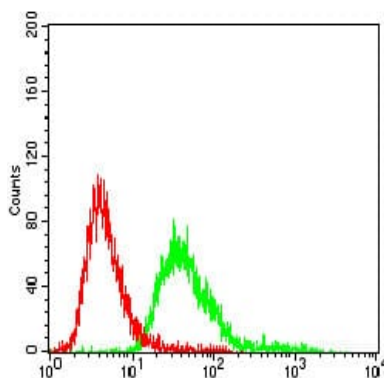
Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



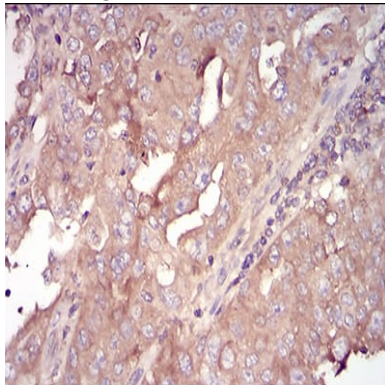
Western blot analysis using SERPINA3 mouse mAb against A549 cell lysate.



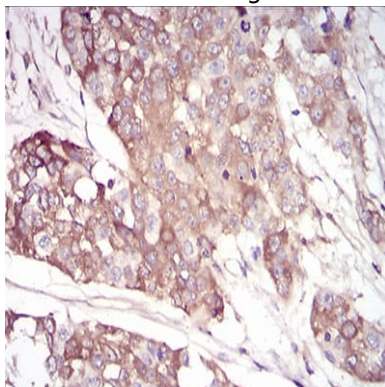
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Flow cytometric analysis of A549 cells using SERPINA3 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissues using SERPINA3 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using SERPINA3 mouse mAb with DAB staining.

Note

For research use only.