
Product Name: AAT Mouse Monoclonal Antibody**Catalog #: AMM80743**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:500-1:1000,ELISA 1:5000-1:20000
Molecular Weight	47kDa

Antigen Information

Gene Name	AAT
Alternative Names	PI; A1A; AAT; PI1; A1AT; SERPINA1
Gene ID	5265.0
SwissProt ID	P01009
Immunogen	Purified recombinant fragment of human AAT expressed in E. Coli.

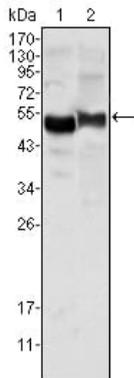
Background

AAT, also known as SERPINA1; serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1. It is secreted and is a serine protease inhibitor whose targets include elastase, plasmin, thrombin, trypsin, chymotrypsin, and plasminogen activator. Severe Serpin A1 deficiency leads to several clinical complications such as pulmonary emphysema, juvenile hepatitis,

cirrhosis and hepatocellular carcinoma.

Research Area

Image Data



Western blot analysis using AAT mouse mAb against human plasma (1) and NIH/3T3 cell lysate (2).