

Mouse Monoclonal Antibody to AAT

Catalogue Number sAP-0290

Target Molecule **Name:** AAT

Aliases: PI; A1A; AAT; PI1; A1AT; SERPINA1

MW: 47kDa

Entrez Gene ID: 5265

Description 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.

Immunogen Purified recombinant fragment of human AAT expressed in E. Coli.

Recitative Species Human; Mouse

Clone MM2B12;

Size and Concentration 100µg/1mg/ml

Supplied as Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.

Reconstitution/Storages Reconstituted with 100µl sterile DI H₂O, at stored at 4°C or -20°C for short or long term storage

Applications ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000

Shipping Regular FEDEX overnight shipment (ambient temperature)

Reference 1. J Proteome Res. 2005 Nov-Dec;4(6):2070-80. ; 2. Neuro Endocrinol Lett. 2008 Aug;29(4):482-4.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**