

## Mouse Monoclonal Antibody to AAT

<b>Catalogue Number</b>	sAP-0290
<b>Target Molecule</b>	<p><b>Name:</b> AAT</p> <p><b>Aliases:</b> PI; A1A; AAT; PI1; A1AT; SERPINA1</p> <p><b>MW:</b> 47kDa</p> <p><b>Entrez Gene ID:</b> 5265</p>
<b>Description</b>	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.
<b>Immunogen</b>	Purified recombinant fragment of human AAT expressed in E. Coli.
<b>Reactive Species</b>	Human; Mouse
<b>Clone</b>	MM2B12;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	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**