

## Mouse Monoclonal Antibody to SERPINA1

<b>Catalogue Number</b>	sAP-1317
<b>Target Molecule</b>	<b>Name: SERPINA1</b> <b>Aliases:</b> PI; A1A; AAT; PI1; A1AT; PRO2275; alpha1AT <b>MW: 46.7kDa</b> <b>Entrez Gene ID: 5265</b>
<b>Description</b>	The protein encoded by this gene is secreted and is a serine protease inhibitor whose targets include elastase, plasmin, thrombin, trypsin, chymotrypsin, and plasminogen activator. Defects in this gene can cause emphysema or liver disease. Several transcript variants encoding the same protein have been found for this gene.;
<b>Immunogen</b>	Purified recombinant fragment of human SERPINA1 (AA: 23-237) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM5D1D2;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% 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; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.PLoS One. 2012;7(8):e42728. ; 2.Electrophoresis. 2012 Jul;33(14):2130-7. ;

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**