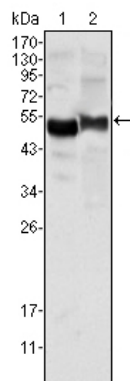




AAT

Mouse monoclonal Antibody

#54013

Catalog Number: 54013**Amount:** 100µg/100µl**Swiss-Prot No. :** P01009**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human AAT protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of AAT and does not cross-react with related proteins**Reactivity:** Human**Applications:** Predicted MW: 47kd WB: 1:500-2000

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

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.