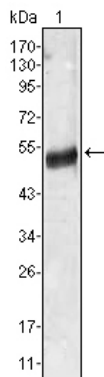




AGT

Mouse monoclonal Antibody

#54014

**Catalog Number:** 54014**Amount:** 100µg/100µl**Swiss-Prot No. :** P16455**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 AGT protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of AGT and does not cross-react with related proteins**Reactivity:** Human**Applications:** Predicted MW: 53kd WB: 1:500-2000

Western blot analysis using AGT mouse mAb against human plasma (1).

### Background:

AGT, pre-angiotensinogen or angiotensinogen precursor, is expressed in the liver and is cleaved by the enzyme renin in response to lowered blood pressure. The resulting product, angiotensin I, is then cleaved by angiotensin converting enzyme (ACE) to generate the physiologically active enzyme angiotensin II.