

## AGT Ab

[Images\(1\)](#)

Cat.#: BF0069                      Concn.: ~1mg/ml                      Mol.Wt.: 53kDa  
Size:                                      Source: Mouse                          Clonality: Monoclonal

Application:                          ELISA 1:10000, WB 1:500-1:2000  
\*The optimal dilutions should be determined by the end user.

Reactivity:                              Human

Storage:                                Mouse IgG1 in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification:                          Affinity-chromatography.

Immunogen:                              Purified recombinant fragment of human AGT expressed in E. Coli.

Uniprot:                                 P16455

Description:                              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.

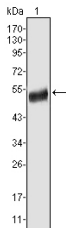


Figure 1: Western blot analysis using AGT mouse mAb against human plasma (1).

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

For Research Use Only. Not for use in diagnostic and therapeutic procedures. Not for resale without express authorization.