

Product datasheet for **AM01016PU-N**

Angiotensinogen (AGT) Mouse Monoclonal Antibody [Clone ID: BGN/0856/21 (08/56a/A2.21)]

Product data:

| | |
|-----------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | BGN/0856/21 (08/56a/A2.21) |
| Applications: | ELISA |
| Recommended Dilution: | ELISA (1/10-1/100). |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Synthetic peptide representing Angiotensin II, conjugated to Rabbit Albumin. |
| Specificity: | This antibody recognizes Angiotensin II and also Angiotensin I and III in ELISA. Incomplete mapping indicates the site of reactivity to be Val-Tyr-Ile-His-Pro[Al/II(3-8)], a conserved region of all angiotensin molecules. |
| Formulation: | PBS buffer, pH 7.2 containing 0.09% Sodium Azide as preservative State: Purified State: Liquid purified Ig fraction |
| Concentration: | lot specific |
| Purification: | Affinity Chromatography on Protein A |
| Conjugation: | Unconjugated |
| Storage: | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | angiotensinogen |
| Database Link: | Entrez Gene 183 Human P01019 |



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Background: Angiotensin-I 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. The protein is involved in maintaining blood pressure and in the pathogenesis of essential hypertension and preeclampsia.

Synonyms: Angiotensin-2, Angiotensin-II, ANG2, ANG-2, ANG-II