

## Product datasheet for **AM01015PU-N**

### Angiotensinogen (AGT) Mouse Monoclonal Antibody [Clone ID: BGN/KA/4H]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	BGN/KA/4H
Applications:	ELISA
Recommended Dilution:	ELISA Does not react with angiotensin II, III or angiotensinogen in ELISA.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	HMW conjugate Synthetic peptide corresponding to amino acids 40-49 of the angiotensinogen precursor conjugated to HMW carrier protein.
Specificity:	Reacts to Angiotensin I.
Formulation:	PBS buffer, pH 7.2, 0.1% Sodium Azide State: Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	Protein A chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody 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:	<a href="#">Entrez Gene 183 Human P01019</a>



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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-1, Angiotensin-I, AGT-1, AGT1