

## Product datasheet for **AM01017PU-N**

### Angiotensinogen (AGT) Mouse Monoclonal Antibody [Clone ID: Ang II E7 (BGN/KA/4L)]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	Ang II E7 (BGN/KA/4L)
Applications:	ELISA
Recommended Dilution:	<b>ELISA:</b> 1/50-1/200.
Reactivity:	Equine, Human, Porcine, Rat, Sheep
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Peptide sequence corresponding to Angiotensin II, conjugated to a proprietary Molecular Weight Carrier.
Specificity:	This antibody reacts with Angiotensin II and III. Negligible reactivity was observed with Angiotensin I and Angiotensinogen.
Formulation:	PBS State: Purified State: Liquid purified Ig fraction. Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
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:	<a href="#">Entrez Gene 183 Human P01019</a>



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**Background:**

Angiotensin II is a vasopressor and stimulator of aldosterone secretion by the adrenal cortex, and functions also as a neurotransmitter. Angiotensin II is formed by catalytic action of the hydrolase called peptidyl dipeptidase A on C terminal oligopeptide (angiotensin I). In case of the cleavage of angiotensin I to the activated angiotensin II, it is called angiotensin converting enzyme (ACE); in case of the cleavage and inactivation of kinins, it is called kininase II (also called dipeptidyl carboxypeptidase I).

**Synonyms:**

Angiotensin-2, Angiotensin-II, ANG2, ANG-2, ANG-II