



BMA BIOMEDICALS



Peninsula Laboratories

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## T-4007

### Rabbit anti Angiotensin II

Angiotensin II (Angiotensin 1-8) is a naturally occurring peptide hormone of the renin-angiotensin-aldosterone system (RAAS). It consists of eight amino acids and causes vasoconstriction and an increase in blood pressure. Besides these immediate effects, it also enhances or modulates inflammation, endothelial dysfunction and atherosclerosis.

This antibody was generated by immunization of rabbits with Angiotensin II coupled to a carrier protein.

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#### TECHNICAL AND ANALYTICAL CHARACTERISTICS

- Lot number:** A16757
- Host species:** Rabbit IgG
- Quantity:** 50µl
- Format:** Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum.
- Stability:** Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
- Applications:** This antibody has been tested and validated in ELISA against Angiotensin II. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.  
Please see [www.bma.ch](http://www.bma.ch) for protocols and general information.
- Immunogen:** Synthetic peptide H-Asp-Arg-Val-Tyr-Ile-His-Pro-Phe-OH coupled to carrier protein.

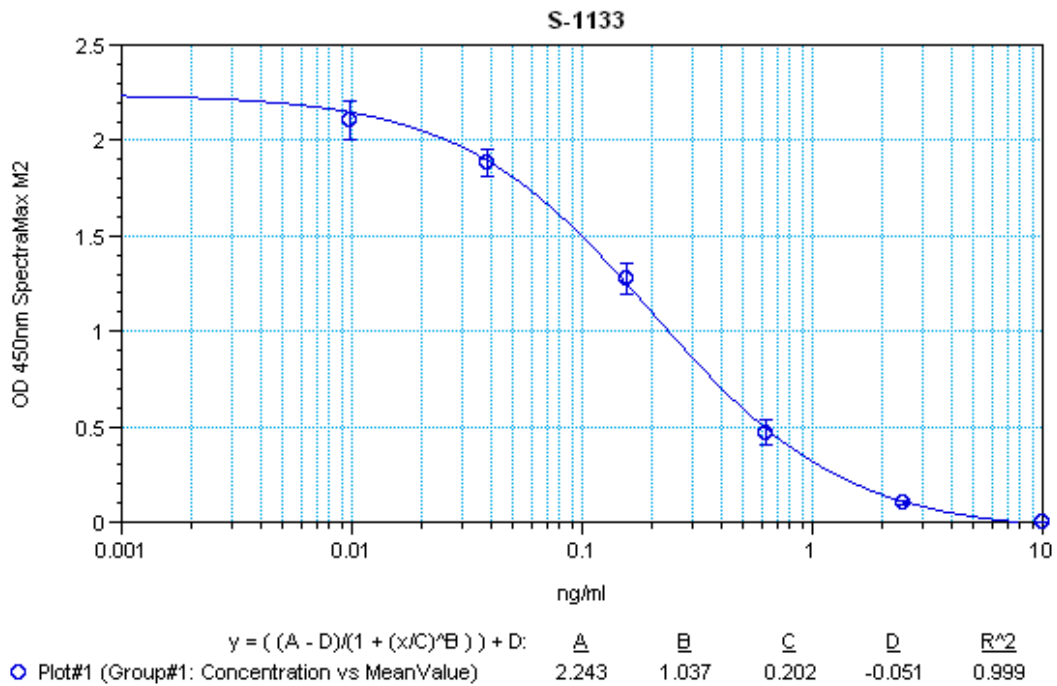
#### Cross-Reactivity:

PEPTIDE:	%:
Angiotensin II	100
(Val <sup>5</sup> )-Angiotensin II	100
Angiotensin III	100
Angiotensin A	100
Renin Substrate	0.9
Angiotensin I	0.5
Angiotensin I/II (1-7)	0
Angiotensin I/II (1-5)	0
ANF (1-28) (human)	0

## Cross-Reactivity (continued):

PEPTIDE:	%:
[Arg <sup>8</sup> ]-Vasopressin	0
[Sar <sup>1</sup> , Ile <sup>8</sup> ] Angiotensin II	0
Angiotensin-12 (human)	<0.1
Angiotensin-12 (rat)	<0.1

Typical titration curve of Angiotensin II in a competitive ELISA with this antibody:



Related Products: S-1133: ELISA, high sensitivity for extracted samples  
T-4005: purified IgG, host: rabbit  
T-4007: neat antiserum, host: rabbit  
T-5000: diluted antiserum, host: guinea pig  
T-5001: neat antiserum, host: guinea pig

This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.

T-4007

neat antiserum

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