



BMA BIOMEDICALS



Peninsula Laboratories

T-4843

Rabbit anti Proadrenomedullin (45-92) (human) ELISA [UniProt: P35318]

Proadrenomedullin (45-92) (MR-proADM) is a peptide that is comprised of amino acid residues 45-92 of preproadrenomedullin. It has no effect on precontracted isolated cat pulmonary arterial rings when used at concentrations up to 10 μ M, unlike adrenomedullin (1-52) and adrenotensin, which induce relaxation and contraction, respectively. Levels of Proadrenomedullin are elevated in the plasma of patients with sepsis and those with cardiovascular disease and positively correlate with disease severity in patients with community-acquired pneumonia.

This antibody was generated by immunization of rabbits with Proadrenomedullin (45-92) coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A16314
Host species:	Rabbit IgG
Quantity:	400 μ g
Format:	Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 0.2ml distilled water. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.
Stability:	Original vial: at least one year at 4 ^o - 8 ^o C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20 ^o C or below.
Applications:	This antibody has been tested and validated in ELISA against Proadrenomedullin (45-92). 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 for protocols and general information.
Immunogen:	Synthetic peptide H-Glu-Leu-Arg-Met-Ser-Ser-Ser-Tyr-Pro-Thr-Gly-Leu-Ala-Asp-Val-Lys-Ala-Gly-Pro-Ala-Gln-Thr-Leu-Ile-Arg-Pro-Gln-Asp-Met-Lys-Gly-Ala-Ser-Arg-Ser-Pro-Glu-Asp-Ser-Ser-Pro-Asp-Ala-Ala-Arg-Ile-Arg-Val-OH coupled to a carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
Proadrenomedullin (45-92) (human)	100
Adrenomedullin (1-50) (rat)	0
Adrenomedullin (1-52) (human)	0
Proadrenomedullin-N20(human)	0
Proadrenomedullin-N20(rat)	0

Related Products: T-4133: Rabbit anti Proadrenomedullin (1-20), diluted antiserum
T-4134: Rabbit anti Proadrenomedullin (1-20), neat antiserum
S-1296: ELISA, high sensitivity for extracted samples (hu)
S-1423: ELISA, high sensitivity for extracted samples (rt)
S-1409: ELISA, high sensitivity for extracted samples (hu)
T-4130: Rabbit anti Adrenomedullin, purified IgG
T-4129: Rabbit anti Adrenomedullin (hu), diluted antiserum
T-4131: Rabbit anti Adrenomedullin (hu), neat antiserum
T-4136: Rabbit anti Adrenomedullin (rt), diluted antiserum
T-4138: Rabbit anti Adrenomedullin (rt), neat antiserum

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.

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rabbit IgG

1.3.2021