

Product datasheet for **BM914**

ANP (NPPA) (ANP 1-28) Mouse Monoclonal Antibody [Clone ID: 23/1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	23/1
Applications:	IHC, R
Recommended Dilution:	Immunohistochemistry on paraffin sections. Radioimmunoassays.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic peptide corresponding to part of the native molecule conjugated to Bovine Serum Albumin.
Specificity:	This antibody reacts with ANP (whole molecule and residues 4-28).
Formulation:	PBS buffer, pH 7.2, 10 mM Sodium Azide State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Protein A chromatography
Conjugation:	Unconjugated
Storage:	The antibody can be shipped at 2-8°C. Store (in aliquots) at -20°C only. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	natriuretic peptide A
Database Link:	Entrez Gene 4878 Human P01160



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Background: Atrial natriuretic factor (ANP) is a potent vasoactive substance which is thought to play a key role in cardiovascular homeostasis and has a cGMP stimulating activity. There are two different prepronatriodilatin alleles. One codes for 2 Arginine residues at the C terminus that are cleaved to form the mature peptide, while the other ends in a termination codon immediately after the last codon of the mature peptide. ANP belongs to the natriuretic peptide family.

Synonyms: Atrial Natriuretic Peptide, Prepronatriodilatin, NPPA, ANP, PND