

## Product datasheet for **AM05620PU-N**

### **BNP (NPPB) (NT-proBNP 13-27) Mouse Monoclonal Antibody [Clone ID: 18H5]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	18H5
<b>Applications:</b>	ELISA, WB
<b>Recommended Dilution:</b>	ELISA. Western Blotting: Detects a band of approximately 9kDa when using recombinant NT-proBNP. Immunoassay.
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Amino acids 13-27 of NT-proBNP
<b>Specificity:</b>	This antibody detects the amino-terminal fragment of pro-brain natriuretic peptide (amino acids 13-20), also known as NT-proBNP, a cleavage product during the proteolytic activation of BNP.
<b>Formulation:</b>	Phosphate buffered saline pH 7.4 containing 0.09% Sodium Azide (NaN <sub>3</sub> ) State: Purified State: Liquid Ig fraction
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Affinity chromatography on Protein A
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	natriuretic peptide B
<b>Database Link:</b>	<a href="#">Entrez Gene 4879 Human P16860</a>



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**Background:**

NT-proBNP is a secreted protein which is a member of the natriuretic peptide family, which is predominantly secreted from the cardiac ventricles in response to volume and pressure overload.

NT-proBNP is more stable than BNP in serum, and has become a useful biomarker of heart failure.

**Synonyms:**

NPPB, Brain natriuretic peptide, BNP, proBNP