



# AVISCERA BIOSCIENCE

## Anti Human Pro BNP (13-27) Monoclonal IgG

### Product Information

Code	A00549-39-100
Name	Human Pro BNP (13-27) Mab
Clone No.	E6C10
Lot No.	
Size	100 µg
Species	Human
Host	Mouse
Immunogen	Human Pro BNP (13-27) rec.
Ab Type	IgG
Purification	Protein G
Formulation	Lyophilized Form without preservatives
Carry	Free
Storage	-20 ° C
Specificity	Human
Reconstitution	100 µl
Application	ELISA , WB

### Preparation

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, E. coli-derived, recombinant human Pro-BNP (13E-27K) Conjugated with KLH. That antibody was purified by Protein G and dialysis in PBS.

### Formulation

100 µg of Anti Human Pro BNP (13-27) Purified Monoclonal Antibody in 100 µl of PBS lyophilized form.

### Reconstitution and Storage

Add 100 µl deionized water to the vial to prepare antibody stocking solution (1000µg/ml). Store it at 4°C for a few days. For long term storage, the reconstituted antibody can also be aliquotted (by 10 µL per vial) and stored frozen at -20° C to -70° C in a **manual defrost freezer** for 12 months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

### Specificity

This antibody has been selected for its ability to recognize recombinant human Pro-BNP (1-108) on indirect ELISA and western blot. This antibody does not have cross-reactivity with human BNP-32 on indirect ELISA or Western Blot.

### Applications

**Indirect ELISA** - This antibody can be used at 0.25 ~0.5 µg/ml to detect human Pro BNP (1-108) on indirectly ELISA.

**ELISA Assay** - This antibody can be used as a capture antibody combination with the Anti human Pro BNP (1-108) IgG Biotinylated as detection antibody (Code No.: A00549-01-50B) to detect recombinant human Pro-BNP (1-108) (Code No.: 00549-01-100) on ELISA. The suggested concentration range for this capture antibody is 4-8 µg/mL and should be titrated to determine the optimal concentration.

**Western Blot** - This antibody can be used as primary antibody at 1~ 2 µg/mL with the appropriate secondary antibody to detect recombinant human Pro-BNP (1-108) and Human Serum (~20 KD) and the lysates of HEK293 cells transfected with human BNP cDNA (animal free culture) under reduce condition.

*Optimal dilutions should be determined by each laboratory for each application.*

AVISCERA BIOSCIENCE INC.  
2348 Walsh Ave. Suite C  
Santa Clara, CA 95051  
Tel: (408) 982 0300  
Fax: (408) 982 0301  
Email:  
Sales@AvisceraBioscience.com  
www.AvisceraBioscience.com

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