AVISCERA BIOSCIENCE

Anti Human Pro BNP (13-27) Monoclonal IgG

Product Information

Code	A00549-37-100
Name	Human Pro BNP (13-27) Mab
Clone No.	A2A11
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

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). Stores 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. 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.

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

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