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Anti Human Pro BNP (13-27) Monoclonal IgG

Product Information

Code	A00549-36-100
Name	Human Pro BNP (13-27) Mab
Clone No.	H3A4
Lot No.	
Size	100 µg
Species	Human
Host	Mouse
Immunogen	Human Pro BNP (13E-27K)
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 Recombinant human Pro-BNP (13E-27K) Peptide 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) and Pro BNP NT (1-76) 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 in a human Pro-BNP combination with the Anti human Pro BNP (1-108) IgG Biotinylated as detection antibody (Code No.: A00549-01-50B) to detect the 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.

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