

Product Datasheet

BNP Antibody (50E1cc) - BSA Free NB200-440

Unit Size: 0.2 mg

Store at 4C. Do not freeze.

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NB200-440

BNP Antibody (50E1cc) - BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	50E1cc
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Target Molecular Weight	14.7 kDa

Product Description	
Description	Novus Biologicals Mouse BNP Antibody (50E1cc) - BSA Free (NB200-440) is a monoclonal antibody validated for use in WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4879
Gene Symbol	NPPB
Species	Human
Specificity/Sensitivity	Detects Human BNP and proBNP.
Immunogen	Hybridoma clone has been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with synthetic human BNP, whole molecule, conjugated with carrier protein.

Product Application Details	
Applications	Western Blot, ELISA, Immunoassay, Sandwich ELISA
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA 1:100-1:2000, Immunoassay, Sandwich ELISA 1:100-1:2000
Application Notes	Can be used for proBNP detection in pair with NB200-439.

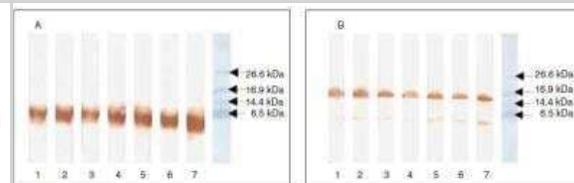


Images

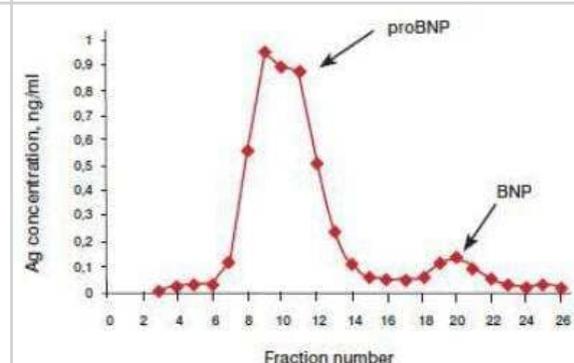
Western Blot: proBNP Antibody (50E1) [NB200-440] - Analysis using the Biotin conjugate of NB200-440. Detection of synthetic huBNP in WB after Tricine-SDS-PAGE in reducing conditions.



Western Blot: proBNP Antibody (50E1) [NB200-440] - Immunodetection of human synthetic BNP (A), recombinant proBNP (E. coli) (B) and recombinant proBNP (mammalian cell line) (C) in Western blotting by different monoclonal antibodies after Tricine- SDS-PAGE under reducing conditions. A, B. Lanes: 1- MAb 24C511-17, 2- MAb 26E211-22, 3- MAb 2G9, 4- MAb 43B1226-32, 5- MAb 50B726-32, 6- MAb 50E126-32, 7- MAb 57H326-32.



Immunoassay: proBNP Antibody (50E1) [NB200-440] - Gel-filtration studies of endogenous proBNP and BNP. BNP immunoreactivity measurements in fractions after proteins from plasma of HF patients were separated by gel-filtration on Superdex Peptide column (GEHealthcare). One representative plasma sample. BNP immunoreactivity was measured by 50E126-32-24C511-17 assay (- -). The first peak corresponds to proBNP, the second corresponds to BNP form.





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Products Related to NB200-440

NBL1-13753	BNP Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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