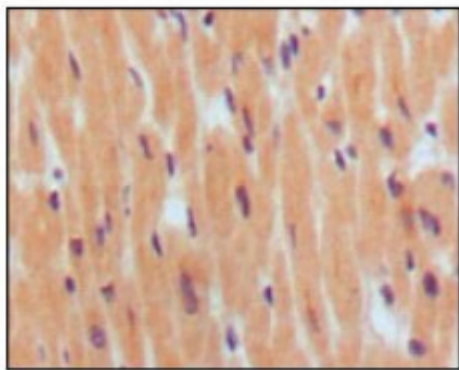


Anti-BNP antibody (KLH)



Description	Mouse monoclonal to BNP (KLH).
Model	STJ97879
Host	Mouse
Reactivity	Human
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human BNP, conjugated to KLH.
Gene ID	4879
Gene Symbol	NPPB
Dilution range	IHC 1:200-1:1000ELISA 1:10000
Specificity	BNP Monoclonal Antibody detects endogenous levels of BNP protein.
Tissue Specificity	Brain and also in atria, but at much lower levels than ANP.
Purification	Affinity purification
Clone ID	8D5B4C11
Note	For Research Use Only (RUO).
Protein Name	Natriuretic peptides B Gamma-brain natriuretic peptide Brain natriuretic peptide 32 BNP 01/01/32 BNP-32 BNP 01/01/30 BNP 01/01/29 BNP 01/01/28 BNP 01/02/31 BNP 01/03
Clonality	Monoclonal
Conjugation	KLH

Isotype	IgG1
Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:7940OMIM:600295
Alternative Names	Natriuretic peptides B Gamma-brain natriuretic peptide Brain natriuretic peptide 32 BNP 01/01/32 BNP-32 BNP 01/01/30 BNP 01/01/29 BNP 01/01/28 BNP 01/02/31 BNP 01/03
Function	Cardiac hormone which may function as a paracrine antifibrotic factor in the heart. Also plays a key role in cardiovascular homeostasis through natriuresis, diuresis, vasorelaxation, and inhibition of renin and aldosterone secretion. Specifically binds and stimulates the cGMP production of the NPR1 receptor. Binds the clearance receptor NPR3.
Cellular Localization	Secreted.
Post-translational Modifications	The brain natriuretic peptide 32 form is cleaved at Pro-104 by the prolyl endopeptidase FAP (seprase) activity (in vitro).

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