产品名称：BNP Mouse Monoclonal Antibody
产品货号：AMM80611

产品概述（Summary）

产品名称（Production Name）	BNP Mouse Monoclonal Antibody
描述（Description）	Mouse monoclonal Antibody
宿主（Host）	Mouse
应用（Application）	IHC,ELISA
种属反应性（Reactivity）	Human

产品性能（Performance）

偶联物（Conjugation）	Unconjugated
修饰（Modification）	Unmodified
同种型（Isotype）	Mouse IgG1
克隆（Clonality）	Monoclonal
形式（Form）	Liquid
存放说明（Storage）	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液（Buffer）	PBS containing 0.03% sodium azide.
纯化方式（Purification）	Affinity Purification

免疫原信息（Immunogen）

基因名（Gene Name）	BNP
别名（Alternative Names）	BNP; NPPB
基因 ID（Gene ID）	4879.0
蛋白 ID（SwissProt ID）	P16860.Synthetic peptide corresponding to aa (Cys-Phe-Gly-Arg-Lys-Met-Asp-Arg-Ile-Ser-Ser-Ser-Ser) of human BNP, conjugated to KLH.

产品应用（Application）

稀释比（Dilution Ratio）	IHC 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量（Molecular Weight）	/

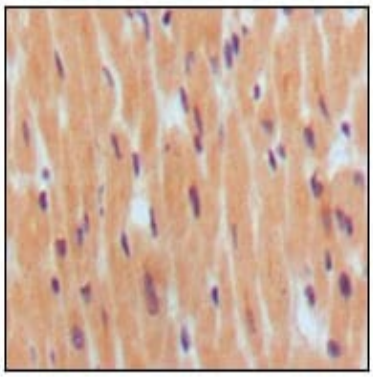
研究背景（Background）

BNP (brain natriuretic peptide) belongs to a family of structurally similar peptide hormones, which includes atrial natriuretic

peptide (ANP), BNP, C-type natriuretic peptide (CNP) and urodilatin. ANP and BNP act mainly as cardiac hormones, produced primarily by the atrium and ventricle, respectively, while the gene encoding C-type natriuretic peptide is expressed mainly in the brain. BNP circulates in blood as a peptide hormone with natriuretic, vasodilatory and renin inhibitory properties. It is secreted predominantly by the left ventricular myocytes in response to volume expansion and pressure overload. These peptides are characterized by a common 17 amino acid ring structure with a disulfide bond between two cystein residues. This ring structure shows high homology between different natriuretic.

研究领域（Research Area）

图片（Image Data）



Immunohistochemical analysis of paraffin-embedded human normal myocardium, showing cytoplasmic localization using BNP1 mouse mAb with DAB staining.

注意事项（Note）

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