

## ARG44883 anti-NPPC antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody recognizes NPPC
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Target Name	NPPC
Species	Human
Epitope	VPRTPPAEEL AEPQAAGGGQ KKGDKAPGGG GANLKGDRSR LLRDLRVDTK SRAAWARLLQ EHPNARKYKG ANKKGLSKGC FGLKLDGRIGS
Conjugation	Un-conjugated
Alternate Names	NPPC; Natriuretic Peptide C; CNP; C-Type Natriuretic Peptide; CNP2; Natriuretic Peptide Precursor Type C; Natriuretic Peptide Precursor C

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:200
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

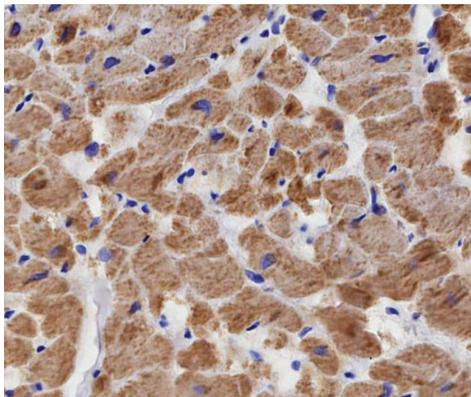
Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
Preservative	0.09% sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Gene Symbol	NPPC
Gene Full Name	Natriuretic Peptide C
Background	This gene encodes a preproprotein that is proteolytically processed to generate multiple protein products. These products include the cardiac natriuretic peptides CNP-53, CNP-29 and CNP-22, which belong to the natriuretic family of peptides. The encoded peptides exhibit vasorelaxation activity in laboratory animals and elevated levels of CNP-22 have been observed in the plasma of chronic heart failure patients. [provided by RefSeq, Oct 2015]
Function	Binds the clearance receptor NPR3. [Uniprot]
PTM	Cleavage on pair of basic residues, Disulfide bond. [Uniprot]
Cellular Localization	Secreted. [Uniprot]

## Images

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ARG44883 anti-NPPC antibody IHC-P image

Immunohistochemistry: Human heart muscle stained with ARG44883 anti-NPPC antibody at 5 µg/mL dilution.