

Rev01
Update: Sep,02,2025

DATASHEET

BNP (13C1), mAb, Mouse

Cat. No.: V00601

Overview

Specificity	Human BNP
Recommended Pairs	Sandwich immunoassay (Capture-Detection): 13C1-14D5 1B14-14D5
Clone ID	13C1
Isotype	IgG1 for mAbs 13C1
Subclass	IgG1
Host Species	Mouse
Antigen Species	Human

Properties

Conjugation	Unconjugated
Production	Cultured in vitro under conditions free from animal-derived components
Purification	Protein A/G affinity column
Concentration	≥ 2mg/ml
Formulation	50 mM Na-citrate, 150 mM NaCl, pH 7.0, containing 0.03% ProClin 300.
Storage	For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Product Stability	Result for clone		
	Temperature, Time		
		13C1	14D5
	-80°C, 21 days		OK
	-20°C, 21 days		OK
	4°C, 21 days		OK
	20°C, 21 days		OK
	37°C, 21 days		OK
	40°C, 21 days		OK

Note GenScript can customize this product per customer's request including product size, buffer components, etc.

Applications

Platform	Capture	Detection
ELISA	13C1	14D5
	13C1	60C5
TRFIA	1B14	14D5

Background

Target Background : BNP and NT-proBNP are separated from precursor molecule proBNP via proteolytic processing. The BNP and NT-proBNP level in blood are proportional to the severity of cardiac dysfunction. It can be used for diagnosis of congestive heart failure (CHF).

Synonyms : Brain natriuretic peptide (BNP) Antibody (13C1), mAb, Mouse

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

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