



# Magic™ Anti-BNP monoclonal antibody, clone BC-COQ3 (DCAB-TJ192)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	Human BNP and proBNP only in immune complex with Catalog #DMAB1755MH.
<b>Immunogen</b>	Immune complex formed by Fab-fragment of BNP-specific DMAB1755MH. and synthetic human BNP.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	BC-COQ3
<b>Affinity Constant</b>	Not Determined
<b>Purification</b>	> 90% pure (SDS-PAGE). Protein A chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Suitable for use in ELISA as a detection antibody only when used with Catalog #DMAB1755MH as the capture antibody. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but Suggested pair for testing (Capture - Detection): <a href="#">DMAB1755MH</a> - DCAB-TJ192
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	5.4 mg/ml
<b>Size</b>	1 mg
<b>Buffer</b>	PBS, pH 7.4

<b>Preservative</b>	0.1% Sodium Azide
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<b>Storage</b>	Store at 2-8°C.
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## BACKGROUND

<b>Introduction</b>	Brain natriuretic peptide (BNP), now known as B-type natriuretic peptide or Ventricular Natriuretic Peptide (still BNP), is a 32-amino acid polypeptide secreted by the ventricles of the heart in response to excessive stretching of heart muscle cells (cardiomyocytes). The release of BNP is modulated by calcium ions. BNP is named as such because it was originally identified in extracts of porcine brain, although in humans it is produced mainly in the cardiac ventricles.
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<b>Keywords</b>	Fab24C5-BNP; Brain natriuretic peptide; BNP
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