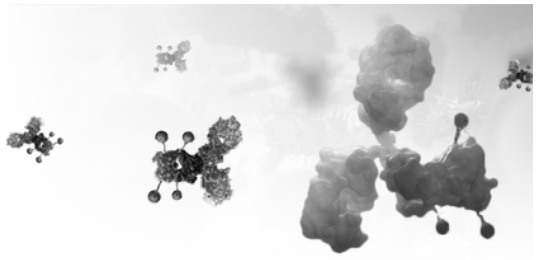

Magic™ Anti-BNP monoclonal antibody, clone BC-COQ3 (DCAB-TJ192)

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

PRODUCT INFORMATION

Specificity	Human BNP and proBNP only in immune complex with Catalog #DMAB1755MH.
Immunogen	Immune complex formed by Fab-fragment of BNP-specific DMAB1755MH. and synthetic human BNP.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	BC-COQ3
Affinity Constant	Not Determined
Purification	> 90% pure (SDS-PAGE). Protein A chromatography
Conjugate	Unconjugated
Applications	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): DMAB1755MH - DCAB-TJ192
Format	Purified, Liquid
Concentration	5.4 mg/ml
Size	1 mg
Buffer	PBS, pH 7.4

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Preservative	0.1% Sodium Azide
Storage	Store at 2-8°C.

BACKGROUND

Introduction	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.
Keywords	Fab24C5-BNP; Brain natriuretic peptide; BNP

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221