



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-NT-proBNP [1-10] Bulk Size Ab03867-10.3-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This is a reformatted human IgG1 Fc Silent Fc Silent™ antibody, based on the original human IgG1 format, created for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Human IgG1, Fc Silent™, Kappa

**Clone Number:** 1-10

**Alternative Name(s) of Target:** BNP; NT-pro-BNP; NT-proBNP(1-76); hBNP; NPPB; NT-proB-type natriuretic peptide; preproBNP; B-type natriuretic peptide; Natriuretic peptides B; Brain natriuretic factor prohormone; Brain natriuretic peptide; Gamma-brain natriuretic peptide; Iso-ANP

**UniProt Accession Number of Target Protein:** P16860

**Published Application(s):** ELISA

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by introducing site directed mutations in CDRs of the parental mouse antibody.

**Specificity:** This antibody binds NT-proB-type natriuretic peptide (NT-proBNP), a 76 amino acid cleaved N-terminal (NT)-pro hormone BNP (NT-proBNP), which is a non-active prohormone that is released from the protein proBNP. BNP is a naturally secreted cardiac regulatory hormone that influences blood pressure and vascular water retention in human physiology. The plasma BNP and NT-proBNP concentration are clinically recognized biomarkers for various cardiovascular diseases.

**Application Notes:** The original mouse IgG antibody binds human NT-proBNP with a binding affinity of  $K_d = 1.6 \times 10^{-10}$  M. This antibody can be used for the detection of NT-proBNP in a sample using ELISA (CN113004405).

**Antibody First Published in:** [PMID:](#)

**Note on publication:**

## Product Form

**Size:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:**

PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.