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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-NT-proBNP [1-10] Standard Size Ab03867-10.3

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: 100 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In:

PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. 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.