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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

NPPB monoclonal antibody (M01), clone 2D11

Catalog Number: H00004879-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant NPPB.

Clone Name: 2D11

Immunogen: NPPB (AAH25785, 1 a.a. ~ 134 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MDPQTAPSRALLLLLFLHLAFLGGRSHPLGSPGSASD
SETSGLQEQRNHLQGKLSLQVEQTSLEPLQESPRPT
GVWKSREVATEGIRGHRKVMVLYTLRAPRSPKMQVGS
GCFGRKMDRISSSSGLGCKVLRH

Host: Mouse

Reactivity: Human

Applications: ELISA, IP, WB-Re, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG3 Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4879

Gene Symbol: NPPB

Gene Alias: BNP

Gene Summary: This gene is a member of the natriuretic peptide family and encodes a secreted protein which functions as a cardiac hormone. The protein

undergoes two cleavage events, one within the cell and a second after secretion into the blood. The protein's biological actions include natriuresis, diuresis, vasorelaxation, inhibition of renin and aldosterone secretion, and a key role in cardiovascular homeostasis. A high concentration of this protein in the bloodstream is indicative of heart failure. Mutations in this gene have been associated with postmenopausal osteoporosis. [provided by RefSeq]

References:

1. The arrhythmogenic effect of self-assembling nanopeptide hydrogel scaffolds on neonatal mouse cardiomyocytes. Chiu YW, Chen WP, Su CC, Lee YC, Hsieh PH, Ho YL *Nanomedicine*. 2014 Jan 31. pii: S1549-9634(14)00029-X. doi: 10.1016/j.nano.2014.01.005.