

**CATALOGUE #:** 4CNT5

**PRODUCT NAME:** Monoclonal mouse anti- canine N-terminal proBNP (NT-proBNP)

**MAbs *in vivo*:** **CaNT89, CaNT90, CaNT19, CaNT46, CaNT49, CaNT53**  
Mouse monoclonal antibody produced in ascites. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice

**Immunogens:** Recombinant canine NT-proBNP expressed in *E. coli* as a fusion protein with carrier for CaNT89, CaNT19, CaNT46  
Recombinant canine NT-proBNP with tag expressed in *E. coli* for CaNT90  
Synthetic peptides corresponding to 64-80 a.a.r. of canine NT-proBNP for CaNT49, CaNT53

**Specificity:** Canine NT-proBNP and proBNP

MAb:	Epitope a.a.r.
CaNT89	19-28
CaNT90	35-48
CaNT19, CaNT46	42-50
CaNT53	64-80
CaNT49	66-72

**MAb isotypes:** **IgG1** for CaNT89, CaNT90, CaNT19, CaNT46, CaNT49, CaNT53

**Applications:** Quantification of canine NT-proBNP in plasma of dogs. Recommended pairs for sandwich immunoassay:

Capture	Detection
CaNT90	CaNT89
CaNT19	CaNT89
CaNT90	CaNT53

Extended list of two-site antibody combinations for detection of canine NT-proBNP in plasma can be provided as a supplementary material.

**Purification:** Protein A chromatography

**Presentation:** PBS, pH 7.4, 0.09 % sodium azide (NaN<sub>3</sub>)

**Storage:** +4 °C (+2 ... +8 °C allowed)

**Material safety note:** This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.

Product contains sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.

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