



DataSheet

CATALOGUE #: 4T27cc

PRODUCT NAME: Monoclonal anti-troponin C (TnC)

Recombinant MAb: RC7B9

Recombinant chimeric antibody expressed in a mammalian cell line. Composed of original wild type variable domains of mouse derived MAb and human IgG1 constant domains

MAbs *in vitro*: 7B9cc

Mouse monoclonal antibody produced in bioreactor. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

Immunogen: Human cardiac troponin complex

Specificity: Human TnC. Recognizes TnC also in binary complex with cTnI. No cross-reactivity with cTnT and cTnI.

MAb isotypes: IgG1 for RC7B9, 7B9cc

Applications: cTnI immunoassay. Recommended pairs for sandwich immunoassay (capture – detection):

Capture	Detection
19C7cc + MF4cc	7B9cc
RecR33 + 560cc	20C6cc + 7B9cc

19C7cc, MF4cc, 560cc under Cat.# 4T21cc, RecR33 Cat.# RC4T21 and MAb 20C6cc Cat.# 4TC2.

MAbs 19C7cc, 560cc, 7B9cc, and 20C6cc are available as chimeric versions as well.

Purification: Protein A chromatography

Presentation: PBS, pH 7.4, 0.09 % sodium azide (NaN₃)

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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