

CATALOGUE #: 4TC2

PRODUCT NAME: Monoclonal mouse anti-cardiac troponin complex

MAbs *in vitro*: 20C6cc

MAbs *in vivo*: Tcom8

Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with human native troponin complex, isolated in mild conditions from human cardiac tissue.

Specificity: Cardiac troponin complex. No cross-reaction with individual components of troponin complex.

MAb isotypes: **IgG1** for Tcom8
IgG2b for 20C6cc

Applications: Immunological and biochemical studies. Human cardiac Tn complex immunodetection in direct ELISA. MAbs can be used in high sensitivity cTnI sandwich immunoassay in pairs with antibodies specific to human cTnI and TnC.

Best pairs for Tn complex immunodetection (capture-detection):

Tcom8 – 7B9cc

19C7cc – 20C6cc

(19C7cc under Cat.# 4T21cc, 7B9cc under Cat.# 4T27cc)

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.