

**CATALOGUE #:** 4TC2

**PRODUCT NAME:** Monoclonal mouse anti-cardiac troponin complex

**MAbs *in vitro*:** **20C6cc**  
Mouse monoclonal antibody produced in bioreactor. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

**MAbs *in vivo*:** **Tcom8**  
Mouse monoclonal antibody produced in ascites. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

**Immunogen:** 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 (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.