Datasheet

Blood coagulation and Anemia • Bone Metabolism • Cardiac Markers • Fertility and Pregnancy Gangliosides • Hormone Markers • Immunology and Serology • Infectious Diseases • Inflammation Kidney Diseases • Metabolic Syndrome • Microbial and Plant Toxins • Miscellaneous • Neuroscience Thyroid Diseases • Tumor Markers • Veterinary

CATALOGUE #: 4T27cc

PRODUCT NAME: Monoclonal anti-troponin C (TnC)

Recombinant MAbs:	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
	19C7cc + MF4cc	7B9cc
	RecR33 + 560cc	20C6cc + 7B9cc
	19C7cc, MF4cc, 560cc under Cat.# 4T21cc, RecR33 Cat.# RC4T21 and Ab 20C6cc Cat.# 4TC2.	
	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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SCIENTIFIC EXCELLENCE FOR IVD

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