

Product Datasheet

Anti-h cTnI 9707 SPTN-5 100180

Product Name	Anti-h cTnI 9707 SPTN-5
Catalog Number	100180
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Tested Applications	FIA
Alternative Names	troponin
Brand	Medix Biochemica
Form/Appearance	Liquid, may turn slightly opaque during storage
Concentration	5.0 mg/ml (+/- 10 %)
Storage	+2-8°C
Isotype	IgG1
Clonality	Monoclonal
Epitope	In the C-terminal part of the cTnI molecule (residues 190-195)
Purity	≥ 95 %
Associated Products	Recombinant cTnI antigen, Medix Biochemica 610102, native cTnI antigen, Medix Biochemica 550-11, native cardiac Troponin Complex (cTn ITC) antigen, Medix Biochemica 550-10.
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN ₃ as a preservative
IEF Profile	5.9-7.4
Cross Reactivity	Skeletal troponin I (sTnI) 14 % Does not recognize cardiac troponin T (cTnT), cardiac troponin C (cTnC), or skeletal troponin T (sTnT)
Specificity	Antibody recognizes human cardiac troponin I (cTnI)
Matched Pairs	RC9750 is recommended as a very sensitive capture. For increased sensitivity, 2+1 or 2+2 antibody approach is recommended, for example capture: 9701/RC9701 & 9705, detection 9703 & 9707/RC9707.
Shelf Life	18 months