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Product Datasheet

Anti-h cTnI 9705 SPTN-1
100125

Product Name	Anti-h cTnI 9705 SPTN-1
Catalog Number	100125
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Species/Host	Mouse
Tested Applications	FIA, LF
Alternative Names	Troponin
Brand	Medix Biochemica
Form/Appear	Liquid, may turn slightly opaque during storage
Concentration	1.0 mg/ml (+/- 10 %)
Storage	+2–8 °C
Isotype	IgG1
Clonality	Monoclonal
Epitope	In the N-terminal part of the cTnI molecule (residues 21-30)
Purity	≥ 95 %
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN_3 as a preservative
IEF Profile	6.4–7.5
Cross Reactivity	Does not recognize skeletal troponin I (sTnI)
Specificity	Antibody recognizes human cardiac troponin I (cTnI)
Matched Pairs	RC9750 is recommended as a very sensitive capture. The antibody pair (Capture-Detection) RC9750-9701 is especially recommended for both FIA and LF. For increased sensitivity, 2+1 or 2+2 antibody approach is recommended, for example capture: 9701/RC9701 & 9705, detection 9703 & 9707/RC9707.
Shelf Life	36 months