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Product Datasheet

Anti-h C-peptide 9101 SPTN-5 100113

Product Name	Anti-h C-peptide 9101 SPTN-5
Catalog Number	100113
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Species/Host	Mouse
Tested Applications	FIA
Alternative Names	Connecting peptide
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	The binding site is located within the range 12-30, with the most critical amino acids for binding being LEGSL (26-30). There was no binding signal detected with peptides without the amino acid L(26).
Purity	≥ 95 %
Affinity constant	KA= 7 x 10^9 1/M
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN3 as a preservative
IEF Profile	6.7–7.8
Cross Reactivity	Human proinsulin (recombinant) 0.93 %
Specificity	Antibody recognizes human C-peptide
Shelf Life	24 months