

## Product Datasheet

### Anti-h C-peptide 9101 SPTN-5 100113

<b>Product Name</b>	Anti-h C-peptide 9101 SPTN-5
<b>Catalog Number</b>	100113
<b>Description</b>	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
<b>Tested Applications</b>	FIA
<b>Brand</b>	Medix Biochemica
<b>Form/Appearance</b>	Liquid, may turn slightly opaque during storage
<b>Concentration</b>	5.0 mg/ml (+/- 10 %)
<b>Storage</b>	+2-8°C
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Epitope</b>	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).
<b>Purity</b>	≥ 95 %
<b>Affinity constant</b>	$K_A = 7 \times 10^9$ 1/M
<b>Buffer</b>	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN <sub>3</sub> as a preservative
<b>IEF Profile</b>	6.7-7.8
<b>Cross Reactivity</b>	Human proinsulin (recombinant) 0.93 %
<b>Specificity</b>	Antibody recognizes human C-peptide
<b>Shelf Life</b>	24 months