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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.

Tested Applications

FΙΑ

Brand Medix Biochemica

Form/AppearancLiquid, 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  $\geq 95 \%$ 

Affinity constant

 $KA = 7 \times 10^9 \text{ 1/M}$ 

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