

## Product Datasheet

### Anti-h PCT 4005 SPTN-5 100564

<b>Product Name</b>	Anti-h PCT 4005 SPTN-5
<b>Catalog Number</b>	100564
<b>Description</b>	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
<b>Species/Host</b>	Mouse
<b>Tested Applications</b>	CLIA, LF, 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>	Anti-h PCT 4005 antibody recognizes the calcitonin domain of procalcitonin, i.e. the region Met(67) - Arg (95), as calculated from the peptide sequence of the mature PCT protein, without the signal sequence. The most critical amino acids for binding are Phe-His-Thr-Phe (78-81).
<b>Purity</b>	≥ 95 %
<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>	6.0-6.9
<b>Cross Reactivity</b>	Not determined
<b>Specificity</b>	Antibody recognizes human procalcitonin (PCT)
<b>Shelf Life</b>	36 months