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Product Datasheet

Anti-h PCT 4004 SPTN-5
100563

Product Name	Anti-h PCT 4004 SPTN-5
Catalog Number	100563
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Species/Host	Mouse
Tested Applications	CLIA, FIA, LF
Brand	Medix Biochemica
Form/Appear	Liquid, may turn slightly opaque during storage
Concentration	5.0 mg/ml (+/- 10 %)
Storage	+2–8 °C
Isotype	IgG1
Clonality	Monoclonal
Epitope	Anti-h PCT 4004 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).
Purity	≥ 95 %
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN_3 as a preservative
IEF Profile	6.2–6.9
Cross Reactivity	Not determined
Specificity	Antibody recognizes human procalcitonin (PCT)
Shelf Life	36 months