

Product Datasheet

Anti-h PCT 4005 SPTN-5 100564

Product Name	Anti-h PCT 4005 SPTN-5
Catalog Number	100564
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Tested Applications	LF, CLIA, FIA
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	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).
Purity	≥ 95 %
Affinity constant	Not Applicable (N/A), Does not dissociate under conditions used
Associated Products	Recombinant PCT antigen, Medix Biochemica 610080
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN ₃ as a preservative
IEF Profile	6.0-6.9
Cross Reactivity	N/D
Specificity	Antibody recognizes human procalcitonin (PCT)
Shelf Life	24 months