

Product Datasheet

Anti-h PCT 4005 SPTN-5 100564

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| 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 % |
| 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 |