

Product Datasheet

Anti-h CEA 5905 SP-5 100869

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| Product Name | Anti-h CEA 5905 SP-5 |
| Catalog Number | 100869 |
| Description | Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components. |
| Tested Applications | CLIA, FIA |
| Brand | Medix Biochemica |
| Form/Appearance | Liquid, may turn slightly opaque during storage |
| Concentration | 5.0 mg/ml (+/- 10 %) |
| Storage | +2-8°C |
| Note | In Bhayana et al. (1989) authors made an epitope mapping for 11 monoclonal antibodies from Medix Biochemica and they found that the antibodies bound to 5 different epitope groups (A to F) and 5905 was found to bind to epitope group A. |
| Isotype | IgG1 |
| Clonality | Monoclonal |
| Epitope | Epitope group A as described in Bhayana et al. (1989) |
| Purity | ≥ 95 % |
| Affinity constant | $KA = 5 \times 10^{10}$ 1/M |
| Associated Products | Native CEA antigen, Lee Biosolutions 151-09 and 151-10 |
| Buffer | 0.9 % NaCl, 0.095 % NaN ₃ as a preservative |
| IEF Profile | 6.1-7.2 |
| Cross Reactivity | Some cross-reactivity with human NCA (non-specific cross-reacting antigen) and NCA-2 (non-specific cross-reacting antigen-2) |
| Specificity | Antibody recognizes human carcinoembryonic antigen |
| Shelf Life | 36 months |
| References | Bhayana, V. and Diamandis, E.P. (1989) A double monoclonal time-resolved immunofluorometric assay of carcinoembryonic antigen in serum. Clin. Biochem., 22:433-438 |