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## **Product Datasheet**

## Anti-h CEA 5905 SP-5 100869

**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**  FIA, CLIA

**Brand** 

Medix Biochemica

Form/AppearaLiquid, may turn slightly opaque during storage

Concentratior 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

lgG1

Clonality

Monoclonal

**Epitope** 

Epitope group A as described in Bhayana et al. (1989)

**Purity** 

≥ 95 %

**Affinity** constant  $KA = 5 \times 10^{10} \text{ 1/M}$ 

**Associated Products** 

Native CEA antigen, Lee Biosolutions 151-09 and 151-10

**Buffer** 

0.9 % NaCl, 0.095 % NaN3 as a preservative

**IEF Profile** 

6.1 - 7.2

Cross

Some cross-reactivity with human NCA (non-specific

Reactivity

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