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Product Datasheet

Anti-h CEA 5909 SP-5
100428

Product Name	Anti-h CEA 5909 SP-5
Catalog Number	100428
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Species/Host	Mouse
Tested Applications	CLIA, FIA
Immunogen	Native human CEA
Alternative Names	Carcinoembryonic antigen
Brand	Medix Biochemica
Form/Appear	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 5909 was found to bind to epitope group C.
Isotype	IgG1
Clonality	Monoclonal
Epitope	Epitope group C as described in Bhayana et al. (1989)
Purity	≥ 95 %
Affinity constant	KA= 3 x 10^{10} 1/M
Buffer	0.9 % NaCl, 0.095 % NaN_3 as a preservative
IEF Profile	6.0–7.1
Cross Reactivity	Does not recognize human NCA (non-specific cross-reacting antigen), NCA-2 or BGP-1 (biliary glycoprotein-1)
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