

Product datasheet for **SM1710**

CEACAM5 Mouse Monoclonal Antibody [Clone ID: C365D3 (NCRC23)]

Product data:

Product Type:	Primary Antibodies
Clone Name:	C365D3 (NCRC23)
Applications:	ELISA, FC, IHC
Recommended Dilution:	ELISA. Flow cytometry. Immunohistochemistry on frozen and paraffin embedded sections (1/1000; Requires protein digestion pre-treatment of Paraffin sections).
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognises human carcinoembryonic antigen. The antibody does not cross-react with normal cross-reacting antigen (NCA), or with biliary glycoprotein (BGP).
Formulation:	PBS buffer, pH 7.4 with 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Immunoaffinity chromatography on Protein G.
Conjugation:	Unconjugated
Storage:	Store the antibody at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	carcinoembryonic antigen related cell adhesion molecule 5
Database Link:	Entrez Gene 1048 Human P06731



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Background: Carcino Embryonic Antigen (CEA) is synthesised during development in the fetal gut, and is re-expressed in increased amounts in intestinal carcinomas and several other tumors. Antibodies to CEA are useful in identifying the origin of various metastatic adenocarcinomas and in distinguishing pulmonary adenocarcinomas (60 to 70% are CEA+) from pleural mesotheliomas (rarely or weakly CEA+).

Synonyms: CEA, Carcinoembryonic antigen