

## Product datasheet for **SM1710F**

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

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	C365D3 (NCRC23)
Applications:	FC
Recommended Dilution:	<b>Flow Cytometry:</b> Use 10 µl of Neat-1/10 diluted antibody to label 10 <sup>6</sup> cells in 100 µl.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Spleen cells from immunised BALB/c mice were fused with cells of the mouse P3NS1 myeloma cell line.
Specificity:	This antibody recognises carcinoembryonic antigen. The antibody does not cross-react with normal crossreacting antigen (NCA), or with biliary glycoprotein (BGP).
Formulation:	PBS, pH 7.4 Label: FITC State: Liquid purified IgG fraction Stabilizer: 1% BSA Preservative: 0.09% Sodium Azide Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	FITC
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	carcinoembryonic antigen related cell adhesion molecule 5
Database Link:	<a href="#">Entrez Gene 1048 Human P06731</a>



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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