

Monoclonal Antibody to CD66c/e - Purified

Alternate names:	CEA, CEACAM5, CEACAM6, Carcinoembryonic antigen, Carcinoembryonic antigen-related cell adhesion molecule 5, Carcinoembryonic antigen-related cell adhesion molecule 6, Meconium Antigen 100, NCA, Normal Cross-reacting Antigen
Catalog No.:	SM2156PT
Quantity:	25 µg
Concentration:	1.0 mg/ml
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	198
Format:	State: Liquid purified IgG fraction. Purification: Affinity Chromatography on Protein G Buffer System: PBS containing 0.09% Sodium Azide as preservative.
Applications:	Flow Cytometry (1/50-1/100): Use 10 µl of the suggested working dilution to label 10e6 cells or cells or 100 µl whole blood. This antibody stains peripheral blood granulocytes, but not monocytes or lymphocytes. Immunohistochemistry on Frozen and Paraffin Sections: This product requires antigen retrieval using heat treatment prior to staining of paraffin sections, Sodium citrate buffer pH 6.0 is recommended for this purpose. In IHC the antibody stains a range of tumour cells and also neutrophils and some endothelial cells. Recommended Positive Control: Colonic cancer. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises CD66c and CD66e, members of the carcinoembryonic antigen family (NCA and CEA respectively). Cross-reactivity with other members of the CEA family has not been reported, but has not been formally excluded. Species: Human. Other species not tested.
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. Shelf life: one year from despatch.