

## Monoclonal Antibody to CD66c/e - Purified

<b>Alternate names:</b>	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
<b>Catalog No.:</b>	SM2156P
<b>Quantity:</b>	0.2 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Recommended Isotype Controls:</b>	SM10P (for use in human samples), AM03095PU-N
<b>Clone:</b>	198
<b>Format:</b>	<b>State:</b> Liquid purified IgG fraction. <b>Purification:</b> Affinity Chromatography on Protein G <b>Buffer System:</b> PBS containing 0.09% Sodium Azide as preservative.
<b>Applications:</b>	<b>Flow Cytometry (1/50-1/100):</b> 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. <b>Immunohistochemistry on Frozen and Paraffin Sections:</b> 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.
<b>Specificity:</b>	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. <b>Species:</b> Human. Other species not tested.
<b>Storage:</b>	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.