

## Product datasheet for **SM1154P**

### CD66b (CEACAM8) Mouse Monoclonal Antibody [Clone ID: 80H3]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	80H3
Applications:	FC, IHC
Recommended Dilution:	<b>Western Blot</b> (See <i>Feuk-Lagerstedt et al</i> ). <b>Functional Studies:</b> Removal of Sodium Azide by dialysis is recommended prior to use. <b>Flow Cytometry:</b> Use 10 µl of 1/50-1/100 diluted antibody to label 5x10 <sup>5</sup> cells or 100 µl whole blood. <b>Immunohistochemistry on Frozen Sections:</b> 1/25-1/100. The epitope recognized by this antibody is reported to be sensitive to formaldehyde fixation and tissue processing. Please use acetone fixation. <i>Recommended Positive Control:</i> Bone marrow tissue. <b>Does not work on Paraffin Sections.</b>
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human leucocytes from individuals with CML
Specificity:	SM1154 recognizes the CGM6 gene product of the carcinoembryonic gene family.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction from Ascites Stabilizer: 0.5% BSA Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted 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.



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<b>Gene Name:</b>	carcinoembryonic antigen related cell adhesion molecule 8
<b>Database Link:</b>	<a href="#">Entrez Gene 1088 Human P31997</a>
<b>Background:</b>	CD66b is a 95-100 kD, GPI anchored molecule. CD66b is expressed strongly by mature granulocytes and meta-myelocytes, but only weakly by bone marrow myelocytes. Peripheral blood monocytes and lymphocytes do not express significant amounts of this antigen. The antibody reacts with cells from CML in the chronic phase. The CD67 cluster was re-designated as CD66b at the Vth Leucocyte Typing Workshop in Boston, 1993.
<b>Synonyms:</b>	CD67, CGM6, NCA-95