

Monoclonal Antibody to CD66b / CEACAM8 - FITC

Alternate names:	CD67, CGM6, Carcinoembryonic antigen CGM6, Carcinoembryonic antigen-related cell adhesion molecule 8, NCA-95, Non-specific cross-reacting antigen NCA-95
Catalog No.:	SM1154F
Quantity:	100 Tests
Background:	This antigen is a 100kD, GPI anchored molecule expressed on peripheral blood polymorphonuclear cells. The antigen 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 the antigen.
Uniprot ID:	P31997
NCBI:	NP_001807.2
GeneID:	1088
Host / Isotype:	Mouse / IgG1
Clone:	80H3
Immunogen:	Human leucocytes from individuals with CML. Spleen cells from immunised BALB/c mice were fused with cells of the mouse MOPC 315-43 myeloma cell line.
Format:	State: Liquid purified IgG fraction. Purification: Affinity chromatography on Protein A Buffer System: PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 0.2% BSA as stabilizer. Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Flow Cytometry: Use 20 µl of neat antibody to label 5 x 10 ⁵ cells or 100 µl whole blood. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts with the CGM6 gene product of the carcinoembryonic gene family. The antibody reacts with cells from CML in the chronic phase. Species: Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
Product Citation:	1. Denise Lau, Hanke Mollnau, Jason P. Eiserich, Bruce A. Freeman, Andreas Daiber, Ursula M. Gehling, Jens Brümmer, Volker Rudolph, Thomas Münzel, Thomas Heitzer, Thomas Meinertz, and Stephan Baldus. Myeloperoxidase mediates neutrophil activation by association with CD11b/CD18 integrins. PNAS, Jan 2005; 102: 431-436.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com

General References: 1. Mannoni, P. et al. (1982) Monoclonal antibodies against human granulocytes and myeloid differentiation. Hum. Immunol. 5: 309-323.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com