

## anti-human CD66b FITC-conjugated

The monoclonal antibody B13.9 is directed against the CD66b-antigen (CGM6, previous CD67), which is only expressed on the membrane of mature human neutrophil, eosinophil and basophil granulocytes (molecular mass 100 kDa, PI-linked protein). After granulocyte activation the expression is increased. It is absent in PNH patients. The monoclonal antibody reacts with 100% of mature human granulocytes. The monoclonal antibody does not react with normal human peripheral B-cells, T-cells, monocytes and platelets.

CD66 is a 95-100kDa glycosylphosphatidylinositol (GPI)-linked protein also known as CD67, CGM6 and NCA-95. CD66b is a member of the immunoglobulin superfamily, carcinoembryonic antigen (CEA)-like family. CD66b, expressed in granulocytes, has been reported to induce activation in neutrophils and to be involved in heterophilic adhesion with CD66c

<b>Clone:</b>	B13.9
<b>Isotype:</b>	Mouse IgG1
<b>Physical state:</b>	Liquid for direct use
<b>Form:</b>	purified antibody conjugated with Fluorescein isothiocyanate (FITC)
<b>Buffer:</b>	PBS containing 1% BSA and 0.1% sodium azide (pH 7.4)
<b>Storage:</b>	Store at 4 °C. Do not freeze. Avoid prolonged exposure to light.
<b>Application:</b>	Flow Cytometry
<b>Reference:</b>	Leucocyte Typing V. Schlossman S. et al. (Eds.), Oxford University Press (1995)
<b>Quantity:</b>	1.0 ml
<b>Order N°:</b>	H12451F

**Warning:** Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32).

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