anti-human CD66b

Monoclonal Antibody B13.9 to CD66b (Human)

Cat-No: **21339661** 100 µg in 100 µl

Clone: B13.9

Specificity: This clone has been derived from hybridization of SP2/0 cells with spleen cells of a (BALB/c x A/J) mouse immunized with human granulocytes. This antibody has been clustered to CD66b in the fifth international Workshop on Human White Cell differentiation Antigens in Boston (1993). The monoclonal antibody is directed against the CD66b-antigen, which is only expressed on the membrane of mature human neutrophil, eosinophil and basophil granulocytes. After granulocyte activation the expression is increased. 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.

Isotype subclass: Mouse IgG1

Form: Ascites fluid of tumour bearing BALB/c mice. Purification: Ammoniumsulphate precipitation and ion exchange chromatography.

Physical state: Liquid

Buffer/Additives/Preservative: PBS containing 0.09 % sodium azide (pH 7.2).

Expiration date: The reagent is stable until the expiry date stated on the vial label.

Storage conditions: Store at 4 °C. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.

Application: Monitoring of mature granulocytes in peripheral blood. Analysis of peripheral blood granulocytes from patients with Paroxysmal Nocturnal Haemoglobinuria (PNH). Methods: Indirect immunofluorescence staining with analysis by flowcytometry or fluorescence microscopy.

References: Schoot, C.E. van der et al., Knapp, W. et al. (editors), Leucocyte Typing IV, 838 (1989).

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). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

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