

BioCytex

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DATA SHEET

CD41

(Cat #5112-P)

MOUSE MONOCLONAL ANTIBODY ANTI CD41, PURIFIED

Clone	PL2-49
Isotype	IgG1
Partner of fusion	NS1
Immunogen	Washed human platelets from a normal blood group O, HPA1 positive donor.
Specificity	This antibody recognizes CD41 (GpIIb) only when linked to CD61 (GpIIIa) as a complex (GpIIb/IIIa). CD41 is expressed on platelets and megakaryocytes.
Application	Flow cytometry.
Form	Purified immunoglobulin in PBS-BSA 0.1%, pH 7.2, liquid, 1 mL.
Size	0.1 mg/mL Sufficient for 500 tests within PLATELET Calibrator technology or 200 tests for indirect immunofluorescence.
Suggested amount	Quantitative flow cytometry : follow the package insert of PLATELET Calibrator kit (Biocytex ref. 7011). For indirect immunofluorescence : use 50 µL of antibody at 10 µg/mL per 1.10^6 cells in 100 µL sample.
Preservative	Sodium azide < 0,1%.
Storage	As delivered at +2-8°C until expiration date. After opening, aliquote contents and freeze at -20°C. Avoid repeated freezing and thawing.
HLDA Workshop	Workshop IV (Leucocyte Typing IV, Knapp W. <i>et al.</i> , eds. 1989., Oxford University Press). Workshop V (Leucocyte Typing V, Schlossman S.F. <i>et al.</i> , eds. 1995., Oxford University Press).
Reference	Morel M.C. <i>et al.</i> , Curr. Stud. Hematol. Blood Transf., No 55, 53-63, (Karger, Basel 1988). Morel M.C. <i>et al.</i> , British Journal of Haematology, 1989, 71, 57-63.

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