

# BioCytex

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## DATA SHEET

## CD10 (Cat #5110-P)

MOUSE MONOCLONAL ANTIBODY ANTI HUMAN CD10, PURIFIED

<b>Clone</b>	FR4D11.
<b>Isotype</b>	IgG1, Kappa.
<b>Partner of fusion</b>	X63Ag8/653.
<b>Immunogen</b>	RAJI cells (Burkitt's Lymphoma).
<b>Specificity</b>	This antibody recognizes CD10, CALLA, a cell-surface enzyme with endo-peptidase activity. CD10, also known as CALLA, is expressed on early lymphoid progenitor cells, in renal epithelium, fibroblasts and germinal center B cells. It is also expressed on 70 % of pre-B ALL cells.
<b>Application</b>	Flow Cytometry.
<b>Form</b>	Purified immunoglobulin in PBS-BSA 0.1%, pH 7.2, liquid, 1 mL.
<b>Size</b>	0.1 mg
<b>Suggested amount</b>	Quantitative flow cytometry : follow the package insert of CELLQUANT Calibrator kit (BioCytex ref. 7208). For indirect immunofluorescence : use 50 µL of antibody at 10 µg/mL per 10 <sup>6</sup> cells in 100 µL sample.
<b>Preservative</b>	Sodium Azide < 0.1 %.
<b>Storage</b>	As delivered at +2-8°C until expiration date. After opening, aliquote contents and freeze at -20°C. Avoid repeated freezing and thawing.
<b>HLDA Workshop</b>	N/A
<b>Reference</b>	Lavabre-Bertrand T. <i>et al.</i> , Cytometry. 1994, 18, 209-217. Tran-Paterson R. <i>et al.</i> , Blood. 1990, 76, 775-782. Doerken B. <i>et al.</i> , in Knapp W. <i>et al.</i> (eds), Leucocyte Typing IV, Oxford University Press. 1989, 33-34. Brown B. <i>et al.</i> , J Natl Canc Inst. 1975, 55, 1281-1289.

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