

BioCytex

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DATA SHEET

CD45

(Cat# 5450-P)

MOUSE MONOCLONAL ANTIBODY ANTI HUMAN CD45, PURIFIED

| | |
|--------------------------|--|
| Clone | FL3A11 |
| Isotype | IgG2a, kappa |
| Partner of fusion | P3X63Ag8/653. |
| Immunogen | U937 cells. |
| Specificity | This antibody recognizes CD45 (leucocyte common antigen), a transmembrane glycoprotein expressed abundantly on the surface of all nucleated hematopoietic cells. This antigen is present under several isoforms, ranging from 180 to 220 kDa, based on alternative splicing of exons 4, 5 and 6 which encode regions of the extracellular domain. This clone recognizes a determinant common to all CD45 isoforms. |
| Application | Flow cytometry. |
| Form | Purified immunoglobulin in PBS-BSA 0.1%, pH 7.2, liquid, 1 mL. |
| Size | 0.1 mg |
| Suggested amount | 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 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. |

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURE.