

# BioCytex

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## DATA SHEET

## CD50-PE (Cat #5125-PE100T)

MOUSE MONOCLONAL ANTIBODY ANTI HUMAN CD50, R-PE CONJUGATED

|                          |  |
|--------------------------|--|
| <b>Clone</b>             | 186-2G9  |
| <b>Isotype</b>           | IgG2b  |
| <b>Partner of fusion</b> | NS1  |
| <b>Immunogen</b>         | Stimulated human leukocytes.   |
| <b>Specificity</b>       | This antibody recognizes an epitope in the first Ig homology domain of the N-terminal tail of CD50.<br>CD50 also known as ICAM-3 is a highly glycosylated protein expressed on leukocytes and dendritic cells. CD50 is a human adhesion molecule with important costimulatory functions, which acts as a ligand for LFA-1. |
| <b>Application</b>       | Flow Cytometry.  |
| <b>Form</b>              | R-Phycoerythrin conjugated purified immunoglobulin in PBS-BSA 0.1%, pH 7.2, liquid, 2 mL   |
| <b>Size</b>              | 100 tests, ready for use.  |
| <b>Suggested amount</b>  | 20 µL / test per 10 <sup>6</sup> cells in 100 µL sample.   |
| <b>Preservative</b>      | Sodium Azide < 0.1%.   |
| <b>Storage</b>           | The conjugated antibody should be stored in the dark at +2-8°C.<br>Do not freeze.  |
| <b>HLDA Workshop</b>     | Leucocyte Typing VI.   |
| <b>Reference</b>         | Sud'ina GF <i>et al.</i> , Biochem J. 2001, 359(3), 621-629.<br>Kishimoto T. <i>et al.</i> , Leucocyte Typing VI, Garland Publishing. 1997.  |

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