

# 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. 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. 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. Kishimoto T. <i>et al.</i> , Leucocyte Typing VI, Garland Publishing. 1997.

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