

DATA SHEET

CD50
(Cat #5125-P)

MOUSE MONOCLONAL ANTIBODY ANTI HUMAN CD50, PURIFIED

Clone	186-2G9
Isotype	IgG2b
Partner of fusion	NS1
Immunogen	Stimulated human leukocytes.
Specificity	<p>This antibody recognizes an epitope in the first Ig homology domain of the N-terminal tail of CD50.</p> <p>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.</p>
Application	Flow Cytometry.
Form	Purified immunoglobulin in PBS-BSA 0.1%, pH 7.2, liquid, 1 mL.
Size	0.1 mg
Suggested amount	<p>Quantitative flow cytometry : follow the package insert of CELLQUANT Calibrator kit (BioCytex ref. 7208).</p> <p>For indirect immunofluorescence : use 50 µL of antibody at 10 µg/mL per 10⁶ cells in 100 µL sample.</p>
Preservative	Sodium Azide < 0.1%.
Storage	<p>As delivered at +2-8°C until expiration date.</p> <p>After opening, aliquote contents and freeze at -20°C.</p> <p>Avoid repeated freezing and thawing.</p>
HLDA Workshop	Leucocyte Typing VI.
Reference	<p>Sud'ina GF <i>et al.</i>, Biochem J. 2001, 359(3), 621-629.</p> <p>Kishimoto T. <i>et al.</i>, Leucocyte Typing VI, Garland Publishing. 1997.</p>

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