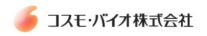
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DATA SHEET

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 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.

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 10⁶

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.

HLDA Workshop Leucocyte Typing VI.

Reference Sud'ina GF *et al.*, Biochem J. 2001, 359(3), 621-629.

Kishimoto T. et al., Leucocyte Typing VI, Garland Publishing. 1997.

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