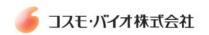
BioCytex

140, Chemin de l'Armée d'Afrique 13010 Marseille

France

Tel: +33 (0) 4 96 12 20 40 Fax: +33 (0) 4 91 47 24 71 Email: info@biocytex.fr



DATA SHEET

CD59

(Cat #5590-P)

MOUSE MONOCLONAL ANTIBODY ANTI HUMAN CD59, PURIFIED

Clone BRA10G

Isotype IgG1, Kappa

Immunogen Human K562 tumor cells.

Specificity This antibody recognizes CD59 (3) (4), a 20 kDa glycosyl phosphatidylinositol

(GPI)-anchored protein that protects cells from complement-mediated lysis. Also known as membrane inhibitor of reactive lysis (MIRL), homologous restriction factor of 20 kDa (HRF20) or protectin, CD59 is expressed on B and T cells, NK cells, macrophages, monocytes, granulocytes, erythrocytes

and platelets.

Application Flow Cytometry (1) (3) (4), immunoprecipitation (4).

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 15 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 V.

References 1. Costa C. *et al.*, J Immunol. 2002, 168(8), 3808-3816.

2. Nagakura S. et al., Blood. 2002, 100(3), 1031-1037.

3. Schlossman SF. et al., Leucocyte Typing V, Oxford University Press.

1995.

4. Chorvath B. et al., Neoplasma. 1992, 39(6), 325-329.

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