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DATA SHEET

CD59-PE (Cat #5590-PE100T)

MOUSE MONOCLONAL ANTIBODY ANTI HUMAN CD59, R-PE CONJUGATED

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⁾ .
Form	R-Phycoerythrin conjugated purified immunoglobulin in PBS-BSA 0.1%, pH 7.2, liquid, 2 mL.
Size	100 tests, ready for use.
Suggested amount	20 µL / test per 10 ⁶ cells in 100 µL sample.
Preservative	Sodium azide < 0.1%.
Storage	The conjugated antibody should be stored in the dark at +2-8°C. Do not freeze.
HLDA Workshop	Leucocyte Typing V.
References	<ol style="list-style-type: none">1. Costa C. <i>et al.</i>, J Immunol. 2002, 168(8), 3808-3816.2. Nagakura S. <i>et al.</i>, Blood. 2002, 100(3), 1031-1037.3. Schlossman SF. <i>et al.</i>, Leucocyte Typing V, Oxford University Press. 1995.4. Chorvath B. <i>et al.</i>, Neoplasma. 1992, 39(6), 325-329.
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