

BioCytex

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DATA SHEET

CD16-PE

(Cat #5130-PE100T)

MOUSE MONOCLONAL ANTIBODY ANTI HUMAN CD16, R-PE CONJUGATED

Clone	CB16
Isotype	IgG1
Partner of fusion	NS0
Specificity	<p>CD16 (FcγRIII) is the low-affinity receptor for IgG and is highly expressed on NK cells, granulocytes and to a lesser extent on monocytes and macrophages. This molecule is encoded by two different genes, generating alternative membrane-anchored proteins (transmembrane and GPI-anchored), with distinct signalling capacities.</p> <p>The CB16 antibody recognize the transmembrane form, FcγRIIIa.</p>
Application	Flow Cytometry.
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 μ L / test per 10 ⁶ cells in 100 μ L 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	N/A
References	<ol style="list-style-type: none">1. Deaglio S. <i>et al.</i>, Blood. 2002, 99(7), 2490-2498.2. Zilber MT. <i>et al.</i>, Proc Natl Acad Sci USA. 2000, 97(6), 2840-2845.

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