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DATA SHEET

CD16
(Cat #5130-P)**MOUSE MONOCLONAL ANTIBODY ANTI HUMAN CD16, PURIFIED**

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, Western blot ⁽¹⁾ , immunomagnetic isolation of human CD16 ⁺ cells ⁽²⁾ .
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> <p>For other applications : the optimal dilution should be determined by the investigator.</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	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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