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## DATA SHEET

**CD32**  
(Cat #5115-P)

MOUSE MONOCLONAL ANTIBODY ANTI HUMAN CD32, PURIFIED

<b>Clone</b>	2B2
<b>Isotype</b>	IgG1, Kappa
<b>Partner of fusion</b>	X63Ag8/653
<b>Immunogen</b>	Glycosylated Fc $\gamma$ RIIa recombinant protein.
<b>Specificity</b>	<p>This antibody reacts with Fc<math>\gamma</math>RII, the low affinity receptor for aggregated IgG. It recognizes an epitope in the second domain Ig like of the extracellular region of the human form of the 40 kDa type II membrane glycoprotein. This antibody blocks the ligand binding activity of the Fc<math>\gamma</math>RII on reactive cells.</p> <p>Fc<math>\gamma</math>RII is expressed on monocytes, granulocytes and platelets, and also on the HL-60, U937, THP-1 and K562 human myeloid cell lines.</p>
<b>Application</b>	Flow Cytometry.
<b>Form</b>	Purified immunoglobulin in PBS-BSA 0.1%, pH 7.2, liquid, 1 mL.
<b>Size</b>	0.1 mg
<b>Suggested amount</b>	<p>Quantitative flow cytometry : follow the package insert of CELLQUANT Calibrator kit (BioCytex ref. 7208) and PLATELET Calibrator kit (BioCytex ref. 7011).</p> <p>For indirect immunofluorescence : use 20 <math>\mu</math>L of antibody at 30 <math>\mu</math>g/mL per 10<sup>6</sup> cells in 100 <math>\mu</math>L sample.</p>
<b>Preservative</b>	Sodium Azide < 0.1%.
<b>Storage</b>	<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>
<b>HLDA Workshop</b>	N/A
<b>Licence</b>	Non exclusive licence with INSERM U255.
<b>Reference</b>	Vely F. <i>et al.</i> , Hybridoma. 1997, 16(6), 519-528.

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