

# BioCytex

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Aug. 05

## DATA SHEET

# CD31-PE

(Cat #5116-PE100T)

MOUSE MONOCLONAL ANTIBODY ANTI HUMAN CD31, R-PE CONJUGATED

<b>Clone</b>	158-2B3
<b>Isotype</b>	IgG1
<b>Partner of fusion</b>	NS1
<b>Immunogen</b>	Stimulated human leukocytes.
<b>Specificity</b>	<p>This antibody recognizes an epitope in the first Ig homology domain of the extracellular region of CD31. It blocks homophilic interaction and heterophilic transendothelial migration.</p> <p>CD31, also known as platelet/endothelial adhesion molecule-1 (PECAM-1), GpIIa and Endocam, is expressed on platelets, vascular endothelial cells, monocytes, neutrophils and some solid tumor lines.</p>
<b>Application</b>	Flow Cytometry.
<b>Form</b>	R-Phycoerythrin conjugated purified immunoglobulin in PBS-BSA 0.1%, pH 7.2, liquid, 2 mL.
<b>Size</b>	100 tests, ready for use.
<b>Suggested amount</b>	20 µL / test per 10 <sup>6</sup> cells in 100 µL sample.
<b>Preservative</b>	Sodium Azide < 0.1%.
<b>Storage</b>	The conjugated antibody should be stored in the dark at +2-8°C. Do not freeze.
<b>HLDA Workshop</b>	Leucocyte Typing VI.
<b>Reference</b>	<p>Sundstrom JB. <i>et al.</i>, Exp Biol Med. 2003, 228(6), 730-740. Su WH. <i>et al.</i>, Blood. 2002, 100(10), 3597-3603. Kishimoto T. <i>et al.</i>, Leucocyte Typing VI, Garland Publishing. 1997.</p>

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