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DATA SHEET

CD31 (Cat #5116-P)

MOUSE MONOCLONAL ANTIBODY ANTI HUMAN CD31, PURIFIED

Clone	158-2B3
Isotype	IgG1
Partner of fusion	NS1
Immunogen	Stimulated human leukocytes.
Specificity	<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 cell adhesion molecule-1 (PECAM-1), Gp11a and Endocam, is expressed on platelets, vascular endothelial cells, monocytes, neutrophils and some solid tumor lines.</p>
Application	Flow Cytometry.
Form	Purified immunoglobulin in PBS-BSA 0.1%, pH 7.2, liquid, 1 mL.
Size	0.1 mg
Suggested amount	For indirect immunofluorescence : use 20 µL of antibody at 60 µg/mL per 10 ⁶ cells in 100 µL sample.
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	Leucocyte Typing VI.
Reference	<p>Sundstrom JB. <i>et al.</i>, Exp Biol Med. 2003, 228(6), 730-740.</p> <p>Su WH. <i>et al.</i>, Blood. 2002, 100(10), 3597-3603.</p> <p>Kishimoto T. <i>et al.</i>, Leucocyte Typing VI, Garland Publishing. 1997.</p>

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