

## PECAM1

### Mouse Anti-Human Platelet Endothelial Cell Adhesion Molecule Clone 158-2B3 mAb

|                                 |   |                  |       |
|---------------------------------|---|------------------|-------|
| <b>Catalog No.</b>              | CMC416  | <b>Quantity:</b> | 50 µg |
| <b>Alternate Names:</b>         | CD31, PECAM-1   |                  |       |
| <b>Gene ID:</b>                 | 5175  |                  |       |
| <b>Description:</b>             | PECAM1 is a glycoprotein expressed on endothelial cells and in platelets. It is known to be involved in cell signalling and cell adhesion.  |                  |       |
| <b>Specificity:</b>             | Reacts with endothelial cells in normal tissues and in benign and malignant proliferations. In cryostat sections and blood smears the antibody also stains megakaryocytes, platelets and occasionally plasma cells. It reacts weakly with mantle zone B-cells, peripheral T-cells, and neutrophils. |                  |       |
| <b>Host:</b>                    | Mouse   |                  |       |
| <b>Immunogen:</b>               | Stimulated human leukocytes   |                  |       |
| <b>Isotype:</b>                 | IgG1  |                  |       |
| <b>Clone:</b>                   | 158-2B3   |                  |       |
| <b>Formulation:</b>             | Lyophilized from 10 mM PBS, pH 7.4  |                  |       |
| <b>Purification:</b>            | Protein G chromatography  |                  |       |
| <b>Reconstitution:</b>          | <b>Centrifuge vial prior to opening.</b> Add sterile distilled water to the vial to fully solubilize the antibody to a concentration of 1.0 mg/ml.  |                  |       |
| <b>Applications:</b>            | Flow Cytometry<br>Immunofluorescence<br>Immunohistology (Acetone-fixed frozen only)<br>The optimal concentration should be determined by the user for each specific application.  |                  |       |
| <b>Storage &amp; Stability:</b> | Store lyophilized antibody below 0°C. Reconstituted antibody is stable at 2-4°C for 2 years or aliquotted and stored frozen at -20°C for more than 3 years. <b>Avoid repeated freeze-thaw cycles.</b>   |                  |       |

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