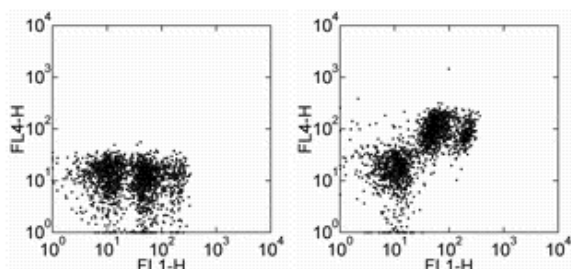


Anti-Mouse CD31 (PECAM-1) APC

Catalog Number: 17-0311

Also Known As: Platelet-Endothelial Cell Adhesion Molecule 1

RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of C57BL/6 bone marrow cells with Anti-Human/Mouse CD45R (B220) FITC (cat. 11-0452) and 0.25 ug of Rat IgG2a K Isotype Control APC (cat. 17-4321) (left) or 0.25 ug of Anti-Mouse CD31 (PECAM-1) APC (right). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Mouse CD31 (PECAM-1) APC


REF **Catalog Number:** 17-0311

Clone: 390

Concentration: 0.2 mg/mL

Host/Isotype: Rat IgG2a, kappa

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

 **Temperature Limitation:** Store at 2-8°C. Do not freeze. Light sensitive material.

 **Batch Code:** Refer to Vial

 **Use By:** Refer to Vial

 **Caution, contains Azide**

Description

The 390 monoclonal antibody reacts with mouse CD31, also known as platelet-endothelial cell adhesion molecule-1 (PECAM-1) and gpIIa. This 130-140 kDa surface protein is expressed by endothelial cells and at low levels on all leukocytes and platelets. It has been reported that CD38 binds to CD31. Homotypic interaction of CD31 is important in adhesion, cell-cell and cell-matrix interaction, and signal transduction.

Applications Reported

This 390 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This 390 antibody has been tested by flow cytometric analysis of mouse thymocyte and splenocyte suspensions. This can be used at less than or equal to 0.5 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

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Related Products

11-0452 Anti-Human/Mouse CD45R (B220) FITC (RA3-6B2)

17-4321 Rat IgG2a K Isotype Control APC (eBR2a)

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