CD31 Monoklonaler Antikörper

Katalog-Nr.:PE-65058

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Allgemeine Informationen

Katalog-Nr.: PE-65058	**GenBank-Zugangsnummer:** BC008519	**Reinigungsmethode:** Affinitätsreinigung
Größe: 100ug , 0.1 mg/ml	**GeneID (NCBI):** 18613	**CloneNo.:** 390
Wirt: Ratte	**Vollständiger Name:** platelet/endothelial cell adhesion molecule 1	**Anregungs-/Emissionsmaxima-Wellenlängen:** 496 nm, 565 nm / 578 nm
Isotyp: IgG2a		

Anwendungen

Geprüfte Anwendungen:
FC

Getestete Reaktivität:
Maus

Hintergrundinformationen

Platelet endothelial cell adhesion molecule-1 (PECAM-1, CD31) is a member of the immunoglobulin gene superfamily of cell adhesion molecules. CD31 is a transmembrane glycoprotein that is highly expressed on the surface of the endothelium, making up a large portion of its intracellular junctions. PECAM-1 is also present on the surface of hematopoietic cells and immune cells including platelets, monocytes, neutrophils, natural killer cells, megakaryocytes and some types of T-cell (PMID: 9011572). As well as its role in cell-cell adhesion, PECAM-1 functions as a signaling receptor, and is involved in important physiological events such as nitric oxide production, regulation of T-cell immunity and tolerance, leukocyte transendothelial migration and inflammation and angiogenesis (PMID: 21183735; 20978210; 17872453; 20634489).
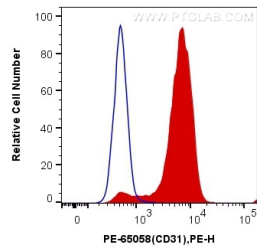
Lagerung

Lagerungsbedingungen:
Bei 2-8°C lagern. Vor Licht schützen.
Lagerungspuffer:
PBS mit 0,1% Natriumazid und einem Stabilisator.

1X10^6 BALB/c mouse splenocytes were surface stained with 0.2 ug PE Anti-Mouse CD31 (PE-65058, Clone: 390) (red) or 0.2 ug PE-rat IgG2a isotype control (blue). Cells were not fixed.