

Nur für Forschungszwecke

# CD31 Monoklonaler Antikörper

Katalog-Nr.: APC-65058

1 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> APC-65058	<b>GenBank-Zugangsnummer:</b> BC008519	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100ug, 0.1 mg/ml	<b>GeneID (NCBI):</b> 18613	<b>CloneNo.:</b> 390
<b>Wirt:</b> Ratte	<b>Vollständiger Name:</b> platelet/endothelial cell adhesion molecule 1	<b>Empfohlene Verdünnungen:</b> IF 1:50-1:500
<b>Isotyp:</b> IgG2a		<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 650 nm / 660 nm

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC, IF	<b>Positivkontrollen:</b> IF : bEnd.3-Zellen,
<b>In Publikationen genannte Anwendungen:</b> IF	
<b>Getestete Reaktivität:</b> Maus	
<b>Zitierte Arten:</b> 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).

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Pengkai Wu	35395456	Biomaterials	IF

## Lagerung

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

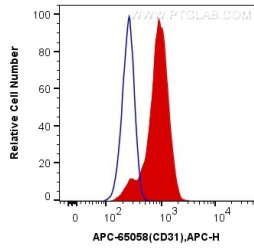
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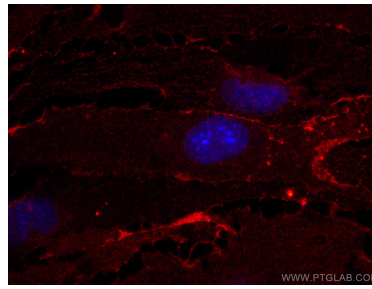
E: proteintech@ptglab.com  
W: ptglab.com

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## Ausgewählte Validierungsdaten



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



Immunofluorescent analysis of (4% PFA) fixed bEnd.3 cells using APC CD31 antibody (APC-65058, Clone: 390) at dilution of 1:100.