

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD31

Numéro de catalogue: 65268-1-Ig



## Informations de base

Numéro de catalogue: 65268-1-Ig	Numéro d'acquisition GenBank: BC022512	Méthode de purification: Purification par affinité
Taille: 100ug, 0.5 mg/ml	Identification du gène (NCBI): 5175	CloneNo.: WM-59
Hôte: Mouse	Nom complet: platelet/endothelial cell adhesion molecule	
Isotype: IgG1, kappa	MW calculé 83 kDa	

## Applications

Applications testées:  
FC

Spécificité de l'espèce:  
Humain

## Informations générales

CD31, also known as PECAM1 (Platelet endothelial cell adhesion molecule), 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. It 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, CD31 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).

## Stockage

Stockage:  
Store at 2-8°C. Stable for one year after shipment.

Tampon de stockage:  
PBS with 0.09% sodium azide.

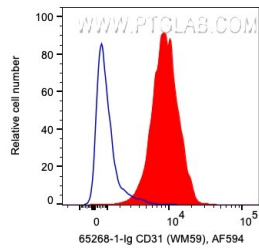
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## Données de validation sélectionnées



1X10<sup>6</sup> human PBMCs were surface stained with 0.2 ug Anti-Human CD31 (65268-1-Ig, Clone:WM-59) and CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 or unstained. Cells were not fixed. Monocytes were gated.