

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD31

Numéro de catalogue: CL488-65058



## Informations de base

Numéro de catalogue:

CL488-65058

Taille:

100ug, 0.5 mg/ml

Hôte:

Rat

Isotype:

IgG2a, kappa

Numéro d'acquisition GenBank:

BC008519

Identification du gène (NCBI):

18613

Nom complet:

platelet/endothelial cell adhesion  
molecule 1

Méthode de purification:

Purification par affinité

CloneNo.:

390

Dilutions recommandées:

IF 1:50-1:500

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Applications testées:

FC, IF

Spécificité de l'espèce:

souris

Contrôles positifs:

IF : cellules bEnd.3,

## Informations générales

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).

## Stockage

Stockage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Tampon de stockage:

PBS avec azoture de sodium à 0,1 % et BSA à 0,5 %, pH 7,3.

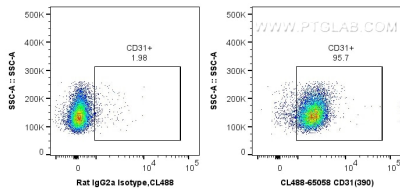
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

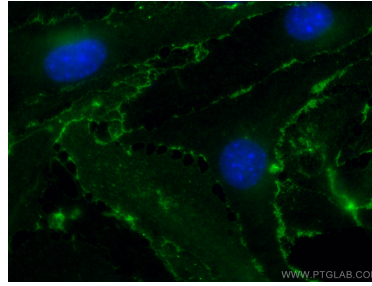
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Données de validation sélectionnées



1X10<sup>6</sup> BALB/C mouse splenocytes were surface stained with 0.5 ug CoraLite® Plus 488 Anti-Mouse CD31 (CL488-65058, Clone:390), or 0.5 ug CoraLite® Plus 488 Rat IgG2a Isotype Control (2A3) (CL488-65209, Clone: 2A3). Cells were not fixed.



Immunofluorescent analysis of (4% PFA) fixed bEnd.3 cells using CoraLite® Plus 488 CD31 antibody (CL488-65058, Clone: 390) at dilution of 1:100.