

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD31

Numéro de catalogue: FITC-65058

4 Publications



Informations de base

Numéro de catalogue:

FITC-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:

495 nm / 524 nm

Applications

Applications testées:

FC, IF

Demandes citées:

FC, IF

Spécificité de l'espèce:

souris

Espèces citées:

rat, 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).

Publications notables

Autrice	Pubmed ID	Journal	Application
Xufeng Mao	36078178	Cells	FC
Hong Su	35906216	Cell Death Dis	IF
Jiaming Fu	35908648	Bone	FC

Stockage

Stockage:

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

Tampon de stockage:

PBS with 0.09% sodium azide.

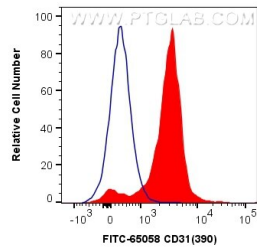
For technical support and original validation data for this product please contact:

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

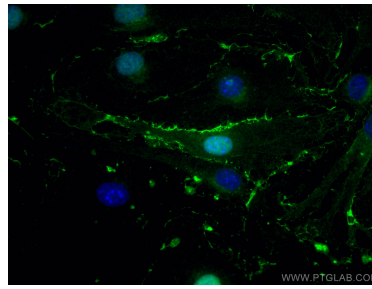
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



1×10^6 mouse splenocytes were surface stained with 0.5 μ g FITC Anti-Mouse CD31 (FITC-65058, Clone:390) (red), or 0.5 μ g Isotype Control. Cells were not fixed.



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