

À des fins de recherche uniquement

# Anticorps Monoclonal anti-VCAM-1

Numéro de catalogue: 66294-1-Ig **27 Publications**



## Informations de base

|  |  |   |
|--|--|---|
| <b>Numéro de catalogue:</b><br>66294-1-Ig  | <b>Numéro d'acquisition GenBank:</b><br>BC017276         | <b>Méthode de purification:</b><br>Purification par protéine A        |
| <b>Taille:</b><br>150ul , Concentration: 2800 µg/ml by Nanodrop and 1500 µg/ml by Bradford method using BSA as the standard; | <b>Identification du gène (NCBI):</b><br>7412            | <b>CloneNo.:</b><br>1B12F12   |
| <b>Hôte:</b><br>Mouse  | <b>Nom complet:</b><br>vascular cell adhesion molecule 1 | <b>Dilutions recommandées:</b><br>IHC 1:2000-1:8000<br>IF 1:200-1:800 |
| <b>Isotype:</b><br>IgG2a   | <b>MW calculé:</b><br>739 aa, 81 kDa                     |   |
| <b>Immunogen Catalog Number:</b><br>AG24697  | <b>MW observés:</b><br>110 kDa                           |   |

## Applications

### Applications testées:

IF, IHC, ELISA

### Demandes citées:

IF, IHC

### Spécificité de l'espèce:

Humain

### Espèces citées:

Humain, rat

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.**

### Contrôles positifs:

IHC : tissu d'amygdalite humain, tissu de cancer du poumon humain

IF : tissu d'amygdalite humain,

## Informations générales

Vascular cell adhesion molecule 1 (VCAM1), also known as CD106, is a 110-kDa transmembrane glycoprotein belonging to the immunoglobulin gene superfamily. VCAM1 is expressed by cytokine-activated endothelium, interacts with integrin VLA4 ( $\alpha 4\beta 1$ ) present on the surface of leukocytes, and mediates both adhesion and signal transduction. It is also expressed either constitutively or inducibly in a variety of other cell types, including vascular smooth muscle cells, differentiating skeletal muscle cells, renal and neural epithelial cells, macrophages (Kupffer cells), dendritic cells, and bone marrow stromal cells (PMID: 7507076, 11359843).

## Publications notables

| Autrice    | Pubmed ID | Journal       | Application |
|------------|-----------|---------------|-------------|
| Zhuqing Li | 34607159  | Redox Biol    | IF, WB      |
| Kaho Kanno | 34638873  | Int J Mol Sci | WB          |
| Tong Lin   | 33002827  | Phytomedicine | WB          |

## Stockage

### Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

### Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

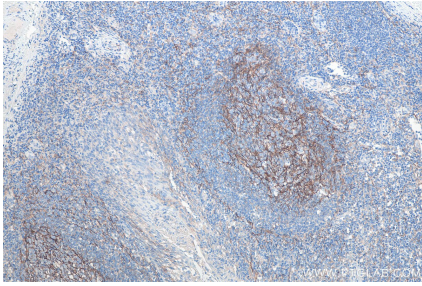
For technical support and original validation data for this product please contact:

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

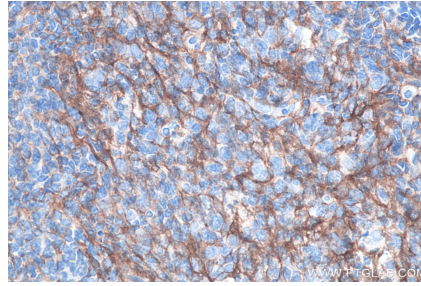
E: proteintech@ptglab.com  
W: ptglab.com

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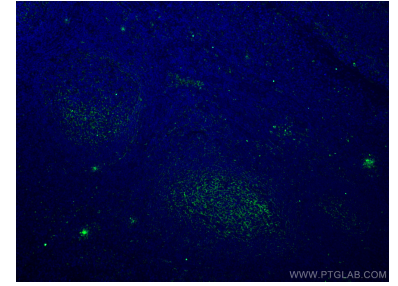
## Données de validation sélectionnées



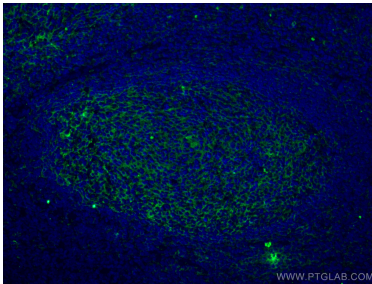
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66294-1-Ig (VCAM-1 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66294-1-Ig (VCAM-1 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using VCAM-1 antibody (66294-1-Ig, Clone: 1B12F12) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using VCAM-1 antibody (66294-1-Ig, Clone: 1B12F12) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).