

À des fins de recherche uniquement

# Anticorps Monoclonal anti-VE-cadherin



Numéro de catalogue: 66804-1-Ig **15 Publications**

## Informations de base

<b>Numéro de catalogue:</b> 66804-1-Ig	<b>Numéro d'acquisition GenBank:</b> NM_001795	<b>Méthode de purification:</b> Purification par protéine G
<b>Taille:</b> 150ul , Concentration: 1300 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 1003	<b>CloneNo.:</b> 4F9B10
<b>Hôte:</b> Mouse	<b>Nom complet:</b> cadherin 5, type 2 (vascular endothelium)	<b>Dilutions recommandées:</b> WB 1:1000-1:6000 IHC 1:100-1:400
<b>Isotype:</b> IgG1	<b>MW calculé:</b> 88 kDa	
<b>Immunogen Catalog Number:</b> AG27501	<b>MW observés:</b> 125 kDa, 100 kDa	

## Applications

### Applications testées:

IHC, WB, ELISA

### Demandes citées:

IHC, WB

### Spécificité de l'espèce:

Humain

### Espèces citées:

Humain

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

### Contrôles positifs:

WB : tissu placentaire humain,

IHC : tissu de cancer du sein humain, tissu d'amygdalite humaine, tissu placentaire humain

## Informations générales

Cadherins are a family of transmembrane glycoproteins that mediate calcium-dependent cell-cell adhesion and play an important role in the maintenance of normal tissue architecture. Vascular endothelial cadherin (VE-cadherin), also known as Cadherin-5 (CDH5) or CD144, is a member of the type II classical cadherin family of cell adhesion proteins (PMID: 21269602). VE-cadherin is expressed specifically in endothelial cells and mediates homophilic adhesion in the vascular endothelium (PMID: 1522121; 8555485; 21269602). VE-cadherin plays a role in the organization of lateral endothelial junctions and in the control of permeability properties of vascular endothelium (PMID: 1522121). VE-cadherin has also been shown to be required for angiogenesis (PMID: 16473763; 18162609).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Xiaoyi Zhang	36131066	Cancer Gene Ther	WB
Kexin Ma	32961493	Ecotoxicol Environ Saf	
Min Zhang	33173719	Adv Sci (Weinh)	

## 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.

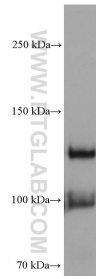
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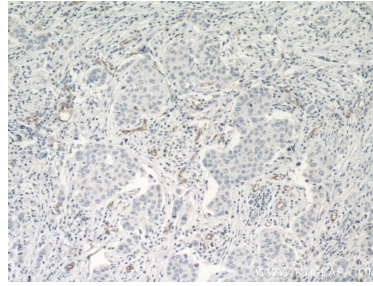
E: proteintech@ptglab.com  
W: ptglab.com

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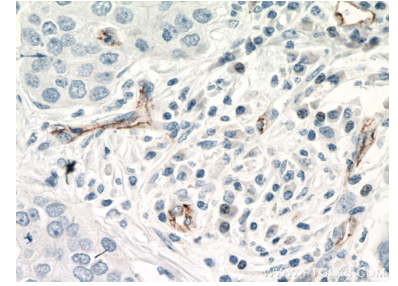
## Données de validation sélectionnées



human placenta tissue were subjected to SDS PAGE followed by western blot with 66804-1-Ig (VE-cadherin antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66804-1-Ig (VE-cadherin antibody) at dilution of 1:400 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66804-1-Ig (VE-cadherin antibody) at dilution of 1:400 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).