

À des fins de recherche uniquement

# Anticorps Monoclonal anti-VWF

Numéro de catalogue: 66682-1-Ig **8 Publications**



## Informations de base

Numéro de catalogue: 66682-1-Ig	Numéro d'acquisition GenBank: 7450	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1900 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 7450	CloneNo.: 3F9F3
Hôte: Mouse	Nom complet: von Willebrand factor	Dilutions recommandées: IHC 1:250-1:1000 IF 1:200-1:800
Isotype: IgG1		
Immunogen Catalog Number: AG25578		

## Applications

### Applications testées:

IF, IHC, ELISA

### Demandes citées:

IF, IHC

### Spécificité de l'espèce:

Humain

### Espèces citées:

Humain, souris

**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:

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

IF : tissu de cancer du sein humain,

## Informations générales

Von Willebrand factor (VWF) is a large multimeric glycoprotein found in blood plasma involved in hemostasis following vascular injury. Due to the multimeric nature of VWF, it can range in size from 500 to 20,000 kDa due to the differences in the number of subunits comprising the protein. Each subunit is approximately 250 kDa (PMID: 9759493). The biosynthesis of VWF in vivo is limited to endothelial cells (PMID: 4209883) and megakaryocytes (PMID: 2413071). VWF synthesized in endothelial cells is either released directly into the plasma via 27186a secretory pathway, or tubulized and stored in organelles unique to this cell type called Weibel-Palade bodies (PMID: 16459301). Whereas VWF synthesized in megakaryocytes is stored in the alpha granules of platelets (PMID: 2046403). The primary function of VWF is as an adhesive plasma glycoprotein, particularly factor VIII; an essential blood-clotting protein (PMID: 6982084). VWF is also important in platelet adhesion to wound sites by binding specifically to type I and type III collagen (PMID: 11098050), with larger VWF multimers being most effective (PMID: 24448155).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Lauren Mastrogiacomio	36499109	Int J Mol Sci	IF
Chaowei Hu	33215878	J Cell Mol Med	IHC
Weiqi Wu	35222704	Exp Ther Med	IF

## 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.

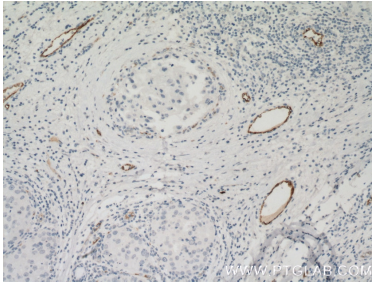
For technical support and original validation data for this product please contact:

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

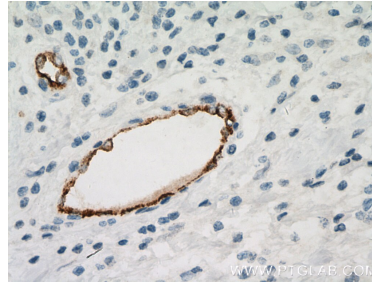
E: proteintech@ptglab.com  
W: ptglab.com

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

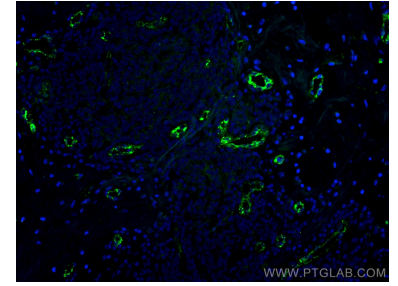
## Données de validation sélectionnées



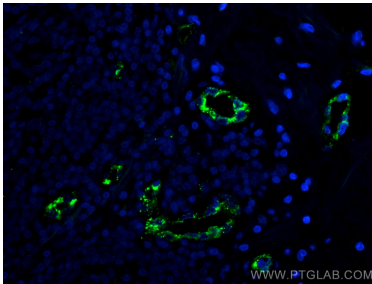
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66682-1-Ig (vwf antibody) at dilution of 1:500 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66682-1-Ig (vwf antibody) at dilution of 1:500 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using vwf antibody (66682-1-Ig, Clone: 3F9F3) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using vwf antibody (66682-1-Ig, Clone: 3F9F3) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).