

Nur für Forschungszwecke

VWF Monoklonaler Antikörper

Katalog-Nr.: 66682-1-Ig **6 Publikationen**



Allgemeine Informationen

Katalog-Nr.: 66682-1-Ig	GenBank-Zugangsnummer: GeneID (NCBI): 7450	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul, Konzentration: 1900 µg/ml von Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	Vollständiger Name: von Willebrand factor	CloneNo.: 3F9F3
Wirt: Maus		Empfohlene Verdünnungen: IHC 1:250-1:1000 IF 1:200-1:800
Isotyp: IgG1		
Immunogen Katalognummer: AG25578		

Anwendungen

Geprüfte Anwendungen: IF, IHC, ELISA	Positivkontrollen: IHC : humanes Mammakarzinomgewebe, humanes Leberkarzinomgewebe, humanes Tonsillitisgewebe IF : humanes Mammakarzinomgewebe,
In Publikationen genannte Anwendungen: IF, IHC	
Getestete Reaktivität: Human	
Zitierte Arten: Human, Maus	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

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).

Bemerkenswerte Veröffentlichungen

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

Lagerung

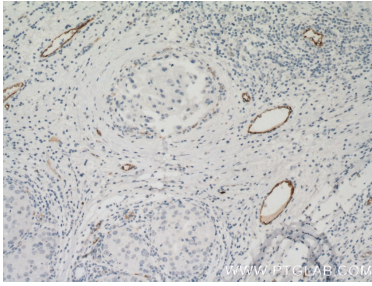
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

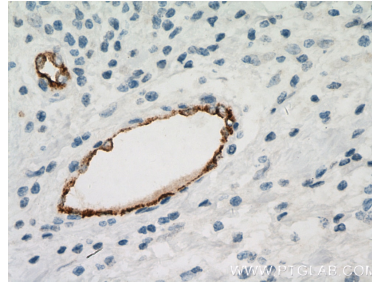
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

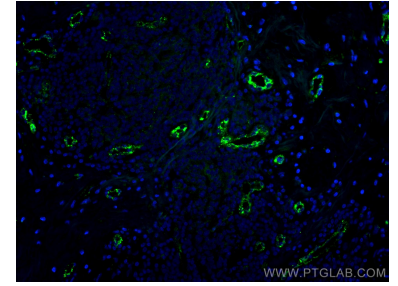
Ausgewählte Validierungsdaten



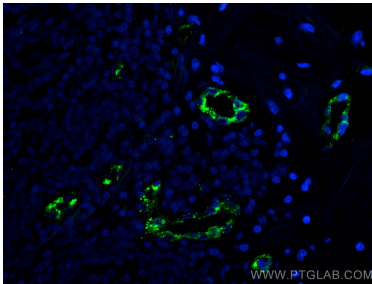
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66682-1-Ig (vwf antibody) at dilution of 1:500 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



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).