

**VWF Antibody**  
**Purified Mouse Monoclonal Antibody (Mab)**  
**Catalog # AM8430b**

**Specification**

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**VWF Antibody - Product Information**

Application	<b>WB, IHC-P, FC,E</b>
Primary Accession	<a href="#">P04275</a>
Reactivity	<b>Human</b>
Host	<b>Mouse</b>
Clonality	<b>Monoclonal</b>
Isotype	<b>IgG1</b>
Calculated MW	<b>309265</b>

**VWF Antibody - Additional Information**

**Gene ID** 7450

**Other Names**

von Willebrand factor, vWF, von Willebrand antigen 2, von Willebrand antigen II, VWF, F8VWF

**Target/Specificity**

This antibody is generated from a mouse immunized with .VWF recombinant protein.

**Dilution**

WB~~1□2000

IHC-P~~1:25

FC~~1:100

**Format**

Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

VWF Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**VWF Antibody - Protein Information**

**Name** VWF

**Synonyms** F8VWF

**Function** Important in the maintenance of hemostasis, it promotes adhesion of platelets to the sites of vascular injury by forming a molecular bridge between sub-endothelial collagen matrix and

platelet- surface receptor complex GPIb-IX-V. Also acts as a chaperone for coagulation factor VIII, delivering it to the site of injury, stabilizing its heterodimeric structure and protecting it from premature clearance from plasma.

#### Cellular Location

Secreted. Secreted, extracellular space, extracellular matrix. Note=Localized to storage granules

#### Tissue Location

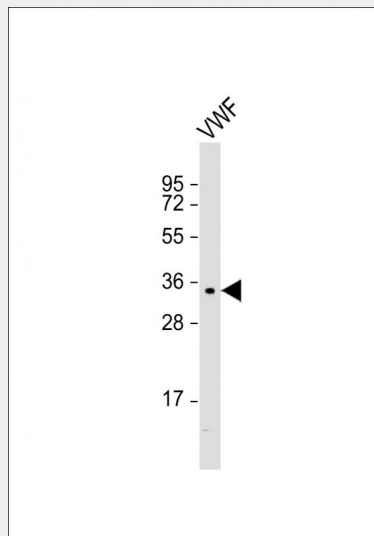
Plasma.

### VWF Antibody - Protocols

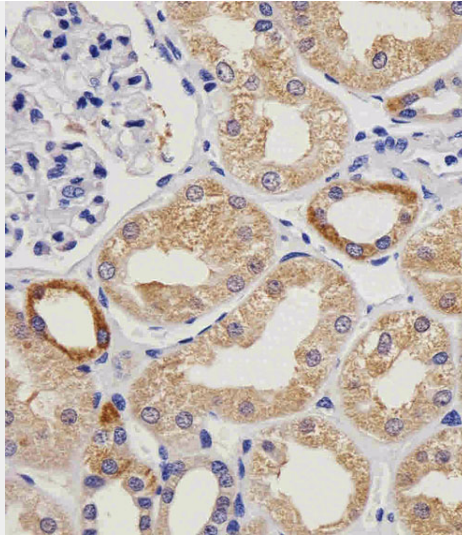
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

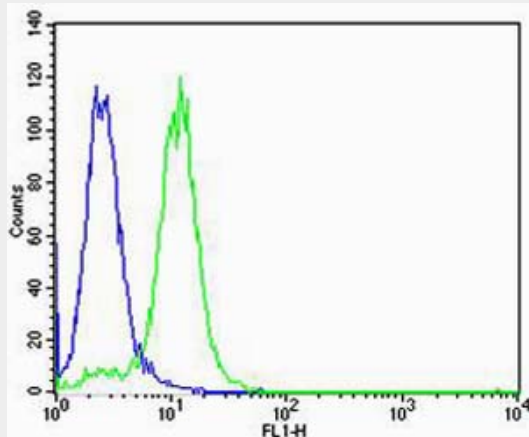
### VWF Antibody - Images



Anti-VWF at dilution + VWF whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 309 kDa  
Blocking/Dilution buffer: 5% NFD/MTBST.



Immunohistochemical analysis of paraffin-embedded H. kidney section using VWF(Cat#AM8430b). AM8430b was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



Flow cytometric analysis of K562 cells using VWF(green, Cat#AM8430b) compared to an isotype control of mouse IgG1(blue). AP20600c was diluted at 1:100 dilution. An Alexa Fluor® 488 goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody.

### VWF Antibody - Background

Important in the maintenance of hemostasis, it promotes adhesion of platelets to the sites of vascular injury by forming a molecular bridge between sub-endothelial collagen matrix and platelet-surface receptor complex GPIb-IX-V. Also acts as a chaperone for coagulation factor VIII, delivering it to the site of injury, stabilizing its heterodimeric structure and protecting it from premature clearance from plasma.

### VWF Antibody - References

Bonthron D.,et al.Nucleic Acids Res. 14:7125-7128(1986).  
Mancuso D.J.,et al.J. Biol. Chem. 264:19514-19527(1989).  
Scherer S.E.,et al.Nature 440:346-351(2006).  
Verweij C.L.,et al.EMBO J. 5:1839-1847(1986).  
Verweij C.L.,et al.EMBO J. 5:3074-3074(1986).