

**Anti-von Willebrand Factor / Factor VIII Related-Ag Antibody**  
**Mouse Monoclonal Antibody**  
**Catalog # AH13572****Specification**

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**Anti-von Willebrand Factor / Factor VIII Related-Ag Antibody - Product Information**

Application	WB, IHC-P, IF, FC, IP
Primary Accession	<a href="#">P04275</a>
Other Accession	<a href="#">440848</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgG1
Calculated MW	309265

**Anti-von Willebrand Factor / Factor VIII Related-Ag Antibody - Additional Information****Gene ID** 7450**Other Names**

Coagulation Factor VIII, Factor VIII Related Antigen, F8VWF, von Willebrand Antigen 2, von Willebrand Disease (vWD)

**Application Note**

<span class = "dilution\_WB">WB~~1:1000</span><br \><span class = "dilution\_IHC-P">IHC-P~~N/A</span><br \><span class = "dilution\_IF">IF~~1:50~200</span><br \><span class = "dilution\_FC">FC~~1:10~50</span><br \><span class = "dilution\_IP">IP~~N/A</span>

**Format**

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA &amp; 0.05% azide. Also available WITHOUT BSA &amp; azide at 1.0mg/ml.

**Storage**

Store at 2 to 8°C. Antibody is stable for 24 months.

**Precautions**

Anti-von Willebrand Factor / Factor VIII Related-Ag Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-von Willebrand Factor / Factor VIII Related-Ag 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

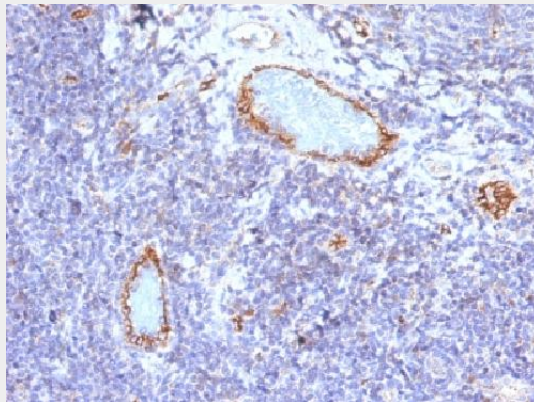
**Tissue Location**

Plasma.

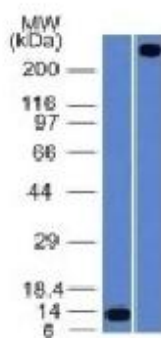
**Anti-von Willebrand Factor / Factor VIII Related-Ag Antibody - Protocols**

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](#)

**Anti-von Willebrand Factor / Factor VIII Related-Ag Antibody - Images**

Formalin-fixed, paraffin-embedded human Tonsil stained with vWF Monoclonal Antibody (VWF/1465)



Western Blot Analysis A) Recombinant Protein (B) human lung lysate Using Monoclonal Antibody MAb (VWF/1465)

### Anti-von Willebrand Factor / Factor VIII Related-Ag Antibody - Background

von Willebrand Factor (vWF) is a multimeric glycoprotein that is found in endothelial cells, plasma and platelets. It acts as a carrier protein for Factor VIII and promotes platelet adhesion and aggregation. vWF undergoes a variety of posttranslational modifications that influence the affinity and availability for Factor VIII, including cleavage of the propeptide and formation of N-terminal disulfide bonds. This antibody helps to establish the endothelial nature of some lesions of disputed histogenesis, e.g. Kaposi s sarcoma and cardiac myxoma. It is widely used for differentiating vascular lesions from those of other tissue differentiation within a panel of other vascular markers although not all tumors of endothelial differentiation contain this antigen.