

**von Willebrand Factor / Factor VIII Related-Ag (Endothelial Marker) Antibody - With BSA and Azide****Mouse Monoclonal Antibody [Clone III E2.34 ]****Catalog # AH12521****Specification**

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**von Willebrand Factor / Factor VIII Related-Ag (Endothelial Marker) Antibody - With BSA and Azide - Product Information**

Application	,1,2,3,4,5,
Primary Accession	<a href="#">P04275</a>
Other Accession	<a href="#">7450</a> , <a href="#">440848</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgG1, kappa
Calculated MW	250kDa kDa

**von Willebrand Factor / Factor VIII Related-Ag (Endothelial Marker) Antibody - With BSA and Azide - Additional Information****Gene ID** 7450**Other Names**

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

**Storage**

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

**Precautions**

von Willebrand Factor / Factor VIII Related-Ag (Endothelial Marker) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

**von Willebrand Factor / Factor VIII Related-Ag (Endothelial Marker) Antibody - With BSA and Azide - 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

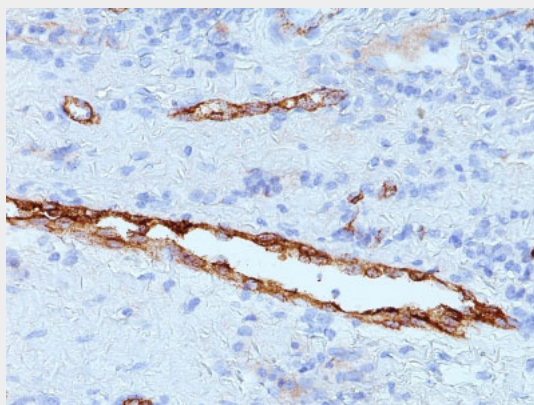
**Tissue Location**

Plasma.

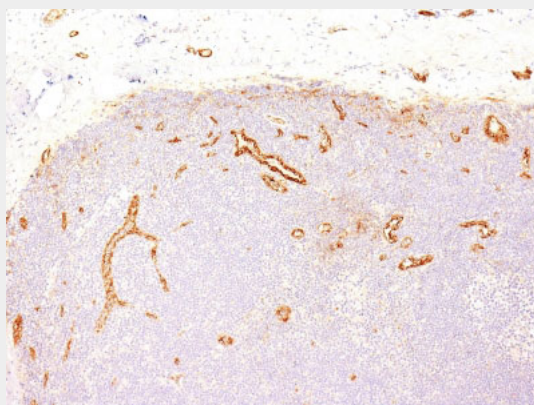
**von Willebrand Factor / Factor VIII Related-Ag (Endothelial Marker) Antibody - With BSA and Azide - Protocols**

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](#)

**von Willebrand Factor / Factor VIII Related-Ag (Endothelial Marker) Antibody - With BSA and Azide - Images**

Formalin-fixed, paraffin-embedded human Tonsil stained with vWF Monoclonal Antibody (IIIE2.34)



Formalin-fixed, paraffin-embedded human Tonsil stained with vWF Monoclonal Antibody (IIIE2.34)

**von Willebrand Factor / Factor VIII Related-Ag (Endothelial Marker) Antibody - With BSA and Azide - 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.

**von Willebrand Factor / Factor VIII Related-Ag (Endothelial Marker) Antibody - With BSA and Azide - References**

Motta, A. et al. 2009. J Biomater Sci Polym Ed. 20: 1875-1897. | Germann, B. et al. 2008. Pharmazie. 63: 303-307