

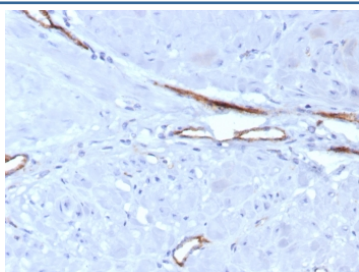
von Willebrand Factor Antibody [clone VWF/7979R] (V4261)

Catalog No.	Formulation	Size
V4261-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4261-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4261SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

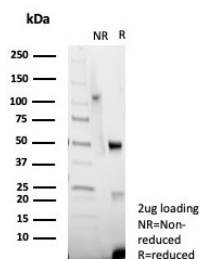
Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	VWF/7979R
Purity	Protein A/G affinity
UniProt	P04275
Localization	Secreted, Cytoplasm
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT
Limitations	This von Willebrand Factor antibody is available for research use only.



IHC staining of FFPE human uterus tissue with vWF antibody (clone VWF/7979R).
 HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free vWF antibody (clone VWF/7979R) as confirmation of integrity and purity.

Description

Human von Willebrand factor (VWF or factor VIII-related antigen) is a 309 kDa multimeric plasma glycoprotein, 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. Von Willebrand factor 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. Von Willebrand factor is synthesized by endothelial cells and is reported to be expressed in a number of tumors of vascular origin. IHC results aid in the classification of acute myeloid leukemia FAB type M7, angiosarcoma and epithelioid hemangioendothelioma.

Application Notes

Optimal dilution of the von Willebrand Factor antibody should be determined by the researcher.

Immunogen

A recombinant partial protein (within amino acids 1150-1250) from the human protein was used as the immunogen for the von Willebrand Factor antibody.

Storage

Aliquot the von Willebrand Factor antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.