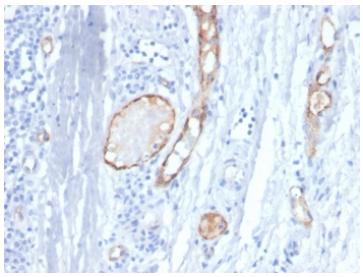
von Willebrand Factor Antibody [clone VWF/4458] (V4257)

Catalog No.	Formulation	Size
V4257-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4257-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4257SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	VWF/4458
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 tonsil tissue with vWF antibody (clone VWF/4458). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Description

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.

Application Notes

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

Immunogen

Recombinant full-length human VWF protein was used as the immunogen for the von Willebrand Factor antibody.

Storage

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