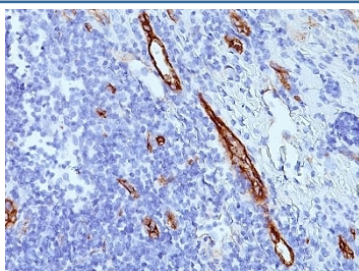


## Anti-von Willebrand Factor Antibody [clone SPM577] (V9099)

Catalog No.	Formulation	Size
V9099-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V9099-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V9099SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	SPM577
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P04275
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
<b>Limitations</b>	This anti-von Willebrand Factor antibody is available for research use only.



IHC: Formalin-fixed, paraffin-embedded human tonsil stained with anti-von Willebrand Factor antibody (clone SPM577).

## 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

The optimal dilution of the anti-von Willebrand Factor antibody for each application should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 minutes.

## Immunogen

A recombinant human protein fragment (within amino acids 845-949) was used as the immunogen for this anti-von Willebrand Factor antibody.

## Storage

Store the anti-von Willebrand Factor antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).