

Product Datasheet

von Willebrand Factor Antibody / vWF (orb606495)

Catalog Number	orb606495
Category	Antibodies
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.
Clonality	Recombinant
Species/Host	Mouse
Isotype	Mouse IgG1, kappa
Conjugation	Unconjugated
Reactivity	Human
Immunogen	Amino acids 1815-1939 from the human protein were used as the immunogen for this recombinant von Willebrand Factor antibody.
UniProt ID	P04275
Tested applications	IHC-P, WB
Dilution range	Western blot: 1-2ug/ml, Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT

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Application notes

The optimal dilution of the recombinant von Willebrand Factor antibody for each application should be determined by the researcher.1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Antibody Type

Primary Antibody

Clone Number

rVWF/1465

Formula

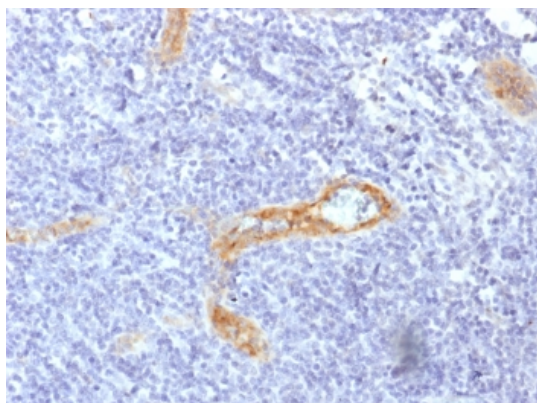
0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide

Storage

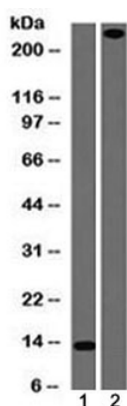
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note

For research use only



IHC testing of FFPE human tonsil with recombinant von Willebrand Factor antibody (clone rVWF/1465). Required HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.



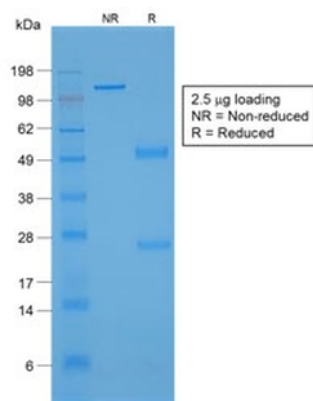
Western blot testing of 1) partial recombinant protein and 2) human lung lysate with recombinant von Willebrand Factor antibody (clone rVWF/1465). Predicted molecular weight ~250 kDa.

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SDS-PAGE analysis of purified, BSA-free recombinant von Willebrand Factor antibody (clone rVWF/1465) as confirmation of integrity and purity.

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