Product Datasheet

von Willebrand Factor Antibody / vWF (orb1151862)

Description	Mouse monoclonal antibody to von Willebrand Factor
Species/Host	Mouse
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	IHC-P
Immunogen	A portion of amino acids 1800-2000 was used as the immunogen for the von Willebrand Factor antibody.
Preservatives	0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin (US sourced), 0.05% sodium azide
Storage	Aliquot the von Willebrand Factor antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.
Note	For research use only
Application notes	Optimal dilution of the von Willebrand Factor antibody should be determined by the researcher.
Formula	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide
Isotype	Mouse IgG2a, kappa
Clonality	Monoclonal
Clone Number	VWF/4106
Antibody Type	Primary Antibody
Purity	Protein A/G affinity

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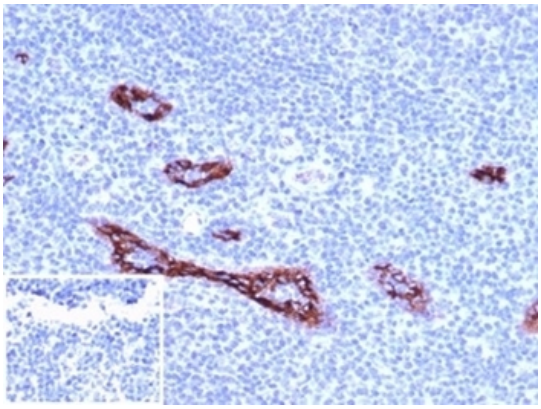
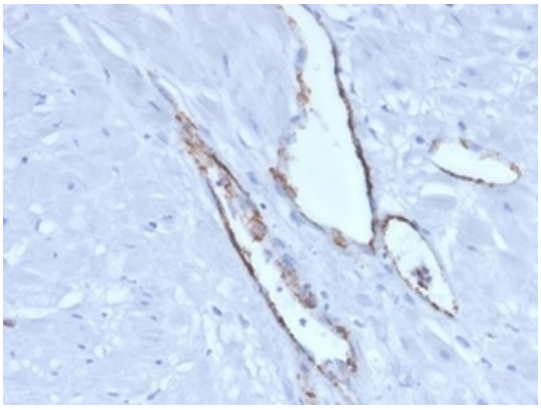
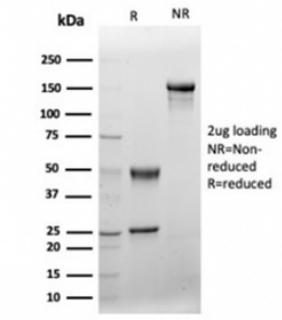
Uniprot ID	**P04275**
Hazard Information	This von Willebrand Factor antibody is available for research use only.
Dilution Range	Immunohistochemistry (FFPE): 1-2ug/ml
Expiration Date	12 months from date of receipt.



IHC staining of FFPE human tonsil tissue with von Willebrand Factor antibody (clone VWF/4106). Negative control inset: PBS used instead of primary antibody to control for secondary Ab binding. HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human pancreatic tissue with von Willebrand Factor antibody (clone VWF/4106). HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free von Willebrand Factor antibody (VWF/4106) as confirmation of integrity and purity.

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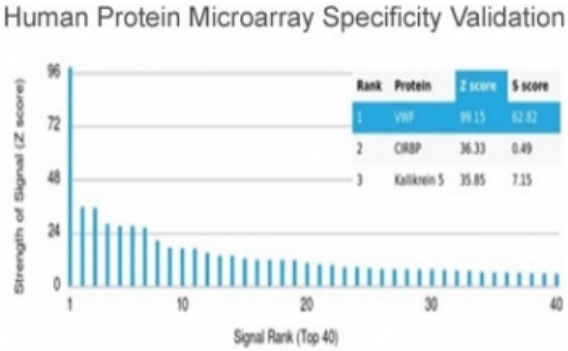

Analysis of HuProt (TM) microarray containing more than 19000 full-length human proteins using von Willebrand Factor antibody (clone VWF/4106). These results demonstrate the foremost specificity of the VWF/4106 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt (TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt (TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.

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