

Mouse anti-Human von Willebrand Factor/Factor VIII Related-Ag Monoclonal Antibody | anti-VWF antibody

von Willebrand Factor/Factor VIII Related-Ag (Endothelial Marker)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215256	Mouse	Human	Immunohistochemistry

PRODUCT SYNONYMS

von Willebrand Factor/Factor VIII Related-Ag; Monoclonal Antibody; von Willebrand Factor/Factor VIII Related-Ag (Endothelial Marker); Coagulation Factor VIII; Factor VIII Related Antigen; F8VWF; von Willebrand Antigen 2; von Willebrand Disease (vWD); anti-VWF antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	VWF/2480
Specificity	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.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	2813
Applicable Applications for anti-VWF antibody	IHC (Immunohistochemistry)
Positive Control	HUVEC cells. Tonsil.
Immunogen	Recombinant full-length human VWF protein
Cellular Localization	Cytoplasmic
Hu-chromosome Location	12p13.31
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody without azide: store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE

SDS-PAGE Analysis Purified vWF Mouse Monoclonal Antibody (VWF/2480). Confirmation of Purity and Integrity of Antibody.



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Tonsil stained with vWF Mouse Monoclonal Antibody (VWF/2480).

ADDITIONAL INFORMATION

References	1. Germann, B. et al. 2008. Pharmazie. 63: 303-307. 2. Motta, A. et al. 2009. J Biomater Sci Polym Ed. 20: 1875-1897.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	89191868
NCBI GeneID	7450
NCBI Accession #	NP_000543.2
NCBI GenBank Nucleotide #	NP_000543.2
UniProt Accession #	P04275
Molecular Weight	250kDa
NCBI Official Full Name	von Willebrand factor preproprotein
NCBI Official Synonym Full Names	von Willebrand factor
NCBI Official Symbol	VWF
NCBI Official Synonym Symbols	VWD; F8VWF
NCBI Protein Information	von Willebrand factor
UniProt Protein Name	von Willebrand factor
UniProt Gene Name	VWF
UniProt Synonym Gene Names	F8VWF; vWF
UniProt Entry Name	VWF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.