

Mouse anti-Human VWF Monoclonal Antibody | anti-VWF antibody

VWF Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283602	Mouse	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

VWF; Monoclonal Antibody; VWF Antibody; von Willebrand factor; VWF; von Willebrand antigen 2; von Willebrand antigen II; F8VWF; anti-VWF antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	907CT12.1.9
Specificity	This antibody is generated from a mouse immunized with VWF recombinant protein.
Purity/Purification	Purified Mouse Monoclonal Antibody (Mab)
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	2813
Applicable Applications for anti-VWF antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Recombinant Protein
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysate from VWF protein, using VWF Antibody. AAA283602 was diluted at 1:1000. A goat anti-mouse IgG H&L(HRP) at 1:3000 dilution was used as the secondary antibody. Lysate at 35ug.



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of K562 cells using VWF(green) compared to an isotype control of mouse IgG1(blue). AP20600c was diluted at 1:100 dilution. An Alexa Fluor 488 goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded H. kidney section using VWF.
AAA283602 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

ADDITIONAL INFORMATION

Related Product Information for anti-VWF antibody	Important in the maintenance of hemostasis, it promotes adhesion of platelets to the sites of vascular injury by forming a molecular bridge between sub-endothelial collagen matrix and platelet-surface receptor complex GPIb-IX-V. Also acts as a chaperone for coagulation factor VIII, delivering it to the site of injury, stabilizing its heterodimeric structure and protecting it from premature clearance from plasma.
Product Categories/Family for anti-VWF antibody	Cancer; Cardiovascular; Signal transduction
References	Bonthron D.,et al.Nucleic Acids Res. 14:7125-7128(1986). Mancuso D.J.,et al.J. Biol. Chem. 264:19514-19527(1989). Scherer S.E.,et al.Nature 440:346-351(2006). Verweij C.L.,et al.EMBO J. 5:1839-1847(1986). Verweij C.L.,et al.EMBO J. 5:3074-3074(1986).

NCBI AND UNIPROT INFORMATION

NCBI GI #	89191868
NCBI GeneID	7450
NCBI Accession #	NP_000543.2
NCBI GenBank Nucleotide #	NM_000552.3
UniProt Accession #	P04275; Q8TCE8; Q99806
Molecular Weight	309265
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.