ARG66645
anti-vWF antibody [SQab19164]

Package: 100 µl
Store at: -20°C

Summary

Product Description	Recombinant Rabbit Monoclonal antibody [SQab19164] recognizes vWF
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Monoclonal
Clone	SQab19164
Isotype	IgG
Target Name	vWF
Species	Human
Immunogen	Synthetic peptide within aa. 1150-1250 of Human von Willebrand factor (vWF).
Conjugation	Un-conjugated
Alternate Names	VWD; von Willebrand factor; vWF; von Willebrand antigen II; F8VWF

Application Instructions

Application table

Application	Dilution
IHC-P	1:100 - 1:200

Application Note: IHC-P: Antigen Retrieval: Heat mediation was performed in Tris/EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

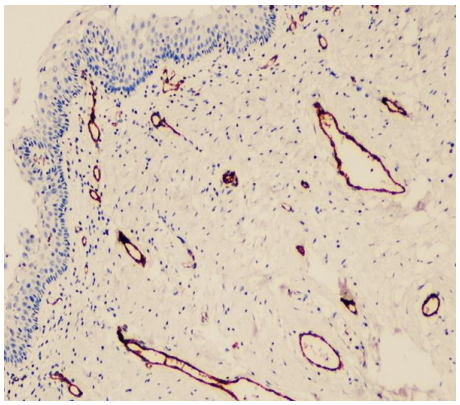
Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	VWF
Gene Full Name	von Willebrand factor
Background	The glycoprotein encoded by this gene functions as both an antihemophilic factor carrier and a platelet-vessel wall mediator in the blood coagulation system. It is crucial to the hemostasis process. Mutations in this gene or deficiencies in this protein result in von Willebrand's disease. An unprocessed pseudogene has been found on chromosome 22. [provided by RefSeq, Jul 2008]
Function	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. [UniProt]
Calculated Mw	309 kDa
PTM	All cysteine residues are involved in intrachain or interchain disulfide bonds. N- and O-glycosylated. [UniProt]
Cellular Localization	Secreted. Secreted, extracellular space, extracellular matrix. Note=Localized to storage granules. [UniProt]

Images



ARG66645 anti-vWF antibody [SQab19164] IHC-P image

Immunohistochemistry: Formalin/PFA-fixed and paraffin-embedded Human cervix tissue stained with ARG66645 anti-vWF antibody [SQab19164]. Antigen Retrieval: Heat mediation was performed in Tris/EDTA buffer (pH 9.0).