



Rabbit Anti-Human VWF Monoclonal Antibody, clone CQ7195 (CABT-Z249R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Synthetic peptide corresponding to residues within aa1150-1250 of von Willebrand factor was used as an immunogen.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	CQ7195
Purification	ProA affinity purified IgG.
Conjugate	Unconjugated
Applications	IHC-P Recommended concentration: IHC-P: 1:100-1:200
Molecular Weight	309 kDa
Cellular Localization	Cytoplasm
Positive Control	Cervix
Format	Liquid
Concentration	Lot specific
Size	100 µl

Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.
Preservative	0.01% Sodium azide
Storage	Store at -20 °C. Avoid freeze/thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	Human von Willebrand factor (VWF, or factor VIII-related antigen) is a 309 kDa multimeric plasma glycoprotein, 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. Von Willebrand factor 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. Von Willebrand factor is synthesized by endothelial cells and is reported to be expressed in a number of tumors of vascular origin. IHC results aid in the classification of acute myeloid leukemia FAB type M7, angiosarcoma and epithelioid hemangioendothelioma.
Keywords	VWF; von Willebrand factor; VWD; F8VWF; coagulation factor VIII VWF

GENE INFORMATION

Gene Name	VWF
Entrez Gene ID	7450
UniProt ID	P04275