



Anti-Von Willebrand factor monoclonal antibody, clone FQS3003(O) (DCABH-7380)

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

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to Von Willebrand Factor
Antigen Description	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.
Target	Von Willebrand factor
Immunogen	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) corresponding to Human Von Willebrand Factor aa 350-450.Database link: P04275
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	FQS3003(O)
Conjugate	Unconjugated
Applications	WB, IP
Positive Control	Human serum and plasma, HepG2 cell lysate
Format	Liquid
Size	100 µl

Buffer	Preservative: 0.01% Sodium azide; Constituents: 59% PBS, 40% Glycerol, 0.05% BSA
Preservative	0.01% Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	VWF von Willebrand factor [Homo sapiens]
Official Symbol	VWF
Synonyms	VWF; von Willebrand factor; F8VWF; coagulation factor VIII VWF; VWD;
Entrez Gene ID	7450
Protein Refseq	NP_000543
UniProt ID	P04275
Chromosome Location	12p13.3
Pathway	Blood Clotting Cascade, organism-specific biosystem; Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem; Focal Adhesion, organism-specific biosystem;
Function	chaperone binding; collagen binding; glycoprotein binding; immunoglobulin binding; integrin binding; protease binding; protease binding; protein N-terminus binding; protein binding; protein homodimerization activity;