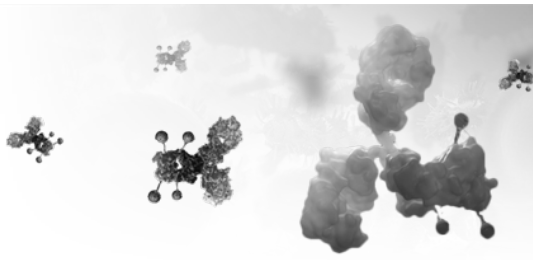

Anti-VWF monoclonal antibody, clone 4F3 (CABT-B184)

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

PRODUCT INFORMATION

Specificity	Recognizes human VWF.
Target	VWF
Immunogen	von Willebrand factor, D3 domain
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	Human
Clone	4F3
Purification	Protein G affinity purified
Conjugate	Unconjugated
Applications	This clone is suitable for ELISA, western blot Recommended working dilution: Approximately 2 µg/ml. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded
Molecular Weight	>300 kDa
Concentration	1 mg/mL
Size	100ug, 500ug
Buffer	0.1M Sodium Phosphate, pH 7.4, 0.15M NaCl, 0.05% (w/v) Sodium Azide

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Preservative	0.05% Sodium Azide
Storage	-20°C
Ship	Cold packs

BACKGROUND

Introduction	Von Willebrand factor (vWF) is a blood glycoprotein involved in 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. vWF 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. It is deficient or defective in von Willebrand disease and is involved in a large number of other diseases, including thrombotic thrombocytopenic purpura, Heydes syndrome, and hemolytic-uremic syndrome.
Keywords	VWF;von Willebrand factor;VWD;F8VWF;coagulation factor VIII VWF

GENE INFORMATION

Entrez Gene ID	7450
UniProt ID	P04275

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