



# Anti-Von Willebrand factor monoclonal antibody, clone WXG746 (DCABH-13984)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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 Willebrands disease. An unprocessed pseudogene has been found on chromosome 22.
<b>Target</b>	Von Willebrand factor
<b>Immunogen</b>	Recombinant protein corresponding to amino acids 845-949 of human VWF.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	WXG746
<b>Purification</b>	Protein A/G affinity chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot; Immunohistochemistry; Immunofluorescence; Immunoprecipitation
<b>Format</b>	Liquid
<b>Buffer</b>	In PBS, pH 7.4 (0.05% BSA, 0.05% sodium azide)
<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">VWF von Willebrand factor [ Homo sapiens ]</a>
Official Symbol	VWF
Synonyms	VWF; von Willebrand factor; F8VWF; coagulation factor VIII VWF; VWD;
Entrez Gene ID	<a href="#">7450</a>
Protein Refseq	<a href="#">NP_000543</a>
UniProt ID	<a href="#">P04275</a>
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;