

## Anti-Von Willebrand Factor/VWF Antibody Picoband® Cy3 Conjugated

Catalog Number: PB9273-Cy3

### About VWF

Von Willebrand factor (VWF) is a blood glycoprotein involved in hemostasis. It is mapped to 12p13.31. The VWF gene encodes von Willebrand factor (VWF), a large multimeric glycoprotein that plays a central role in the blood coagulation system, serving both as a major mediator of platelet-vessel wall interaction and platelet adhesion, and as a carrier for coagulation factor VIII. VWF released from endothelial cell Weibel-Palade bodies bound particularly avidly to the extracellular matrix. VWF deficiency or dysfunction (von Willebrand disease) leads to a bleeding tendency, which is most apparent in tissues having high blood flow shear in narrow vessels.

### Overview

Product Name	Anti-Von Willebrand Factor/VWF Antibody Picoband® Cy3 Conjugated
Reactive Species	Mouse, Rat
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q8CIZ8

### Technical Details

Immunogen	E.coli-derived mouse VWF recombinant protein (Position: M1304-E1452).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Cy3 Excitation Wavelength: 554 nm Emission Wavelength: 568 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

## 37 Publications Citing This Product

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1. PubMed ID: PMID:26191130, Calcium signaling is implicated in the diffuse axonal injury of brain stem
2. PubMed ID: 10.12659/MSM.915442, Identification and Analysis of Differentially Expressed Genes in Human Saphenous Vein Endothelial Cells Overexpressing Domain-Containing mTOR-Interacting Protein (DEPTOR) by RNA-Seq
3. PubMed ID: 10.3892/etm.2014.1774, Construction of tissue-engineered bone using a bioreactor and platelet-rich plasma

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