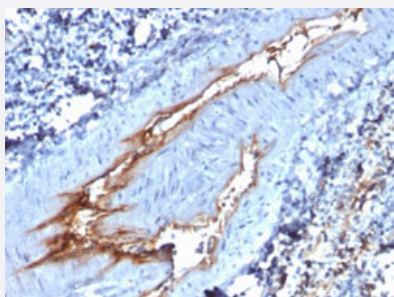


VWF monoclonal antibody, clone VWF/1767

Catalog # MAB15039 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human spleen with VWF monoclonal antibody, clone VWF/1767 (Cat # MAB15039).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human VWF.
Immunogen	Recombinant protein corresponding to amino acids 1815-1939 of human VWF.
Host	Mouse
Theoretical MW (kDa)	250
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG2b, kappa
Recommend Usage	ELISA (2-4 ug/mL for coating) Flow Cytometry (0.5-1 ug/10 ⁶ cells) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.

Storage Instruction

Store at -20 to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human spleen with VWF monoclonal antibody, clone VWF/1767 (Cat # MAB15039).

- Immunofluorescence
- Enzyme-linked Immunoabsorbent Assay
- Flow Cytometry

Gene Info — VWF

Entrez GeneID [7450](#)

Protein Accession# [P04275](#)

Gene Name VWF

Gene Alias F8VWF, VWD

Gene Description von Willebrand factor

Omim ID [193400](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 Willebrand's disease. An unprocessed pseudogene has been found on chromosome 22. [provided by RefSeq]

Other Designations coagulation factor VIII VWF

Publication Reference

- [Silk fibroin processing and thrombogenic responses.](#)

Motta A, Maniglio D, Migliaresi C, Kim HJ, Wan X, Hu X, Kaplan DL.

Journal of Biomaterials Science. Polymer Edition 2009 Jan; 20(13):1875.

- [Applying blood-brain barrier in vitro models to study the influence of drugs on endothelial cells--effects of selected COX-inhibitors.](#)

Germann B, Neuhaus W, Hofer-Warbinek R, Noe CR.

Die Pharmazie 2008 Apr; 63(4):303.

Application: ELISA, IF, WB-Ce, Bovine, Human, ECV304, HUVECs, PBMEC/C1-2, VCAM-1

Pathway

- [Complement and coagulation cascades](#)
- [ECM-receptor interaction](#)
- [Focal adhesion](#)

Disease

- [Acute Disease](#)
- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Stenosis](#)
- [Cerebral Infarction](#)
- [Cerebrovascular Accident](#)
- [Chorioamnionitis](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)

- [Coronary Stenosis](#)
- [Cushing Syndrome](#)
- [Death](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Diabetic Retinopathy](#)
- [Disease Progression](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Heart Diseases](#)
- [Hemophilia A](#)
- [Hemorrhage](#)
- [Hyperparathyroidism](#)
- [Hypertension](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Obesity](#)
- [Obstetric Labor](#)

- [Osteoporosis](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Psychotic Disorders](#)
- [Recurrence](#)
- [Schizophrenia](#)
- [Stroke](#)
- [Thrombocytopenia](#)
- [Thromboembolism](#)
- [Thrombophilia](#)
- [Thrombosis](#)
- [Thyroid Neoplasms](#)
- [Vascular Diseases](#)
- [Venous Thrombosis](#)
- [von Willebrand Disease](#)
- [von Willebrand Diseases](#)