BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-VWF Antibody

Catalog Number: M00270-2

About VWF

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.

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Overview

Product Name	Anti-VWF Antibody
Reactive Species	Human
Description	Boster Bio Anti-VWF Antibody (Catalog # M00270-2). Tested in WB, Flow Cytometry, IHC-P application(s). This antibody reacts with Human.
Application	Flow Cytometry, IHC-P, WB
Clonality	Monoclonal 907CT12.1.9
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Mouse
Uniprot ID	P04275

Technical Details

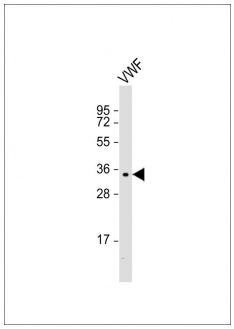
Immunogen	This antibody is generated from a mouse immunized with .VWF recombinant protein.
Predicted Reactive Species	Bovine, Mouse
Isotype	IgG1
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.

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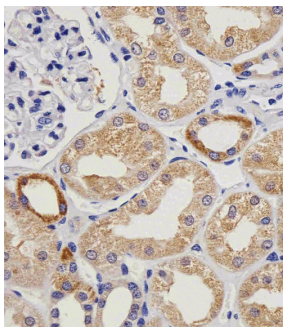
Suggested Dilutions	WB: 1□2000 IHC-P: 1:25 FC: 1:100 Tested Species: In-house tested species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.

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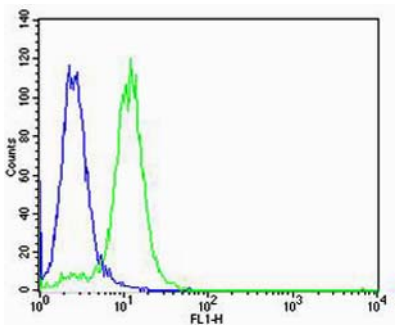
Anti-VWF Antibody (M00270-2) Images



Anti-VWF at dilution + VWF whole cell lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 309 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



Immunohistochemical analysis of paraffin-embedded H. kidney section using VWF. M00270-2 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



Flow cytometric analysis of K562 cells using VWF(green, Cat#M00270-2) compared to an isotype control of mouse IgG1 (blue). HBG2 Antibody was diluted at 1:100 dilution. An Alexa Fluor® 488 goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody.

1 Publications Citing This Product

1. PubMed ID: 32487223, Li X,Zhou J,Dou Y,Shi Y,Wang Y,Hong J,Zhao J,Zhang J,Yuan Y,Zhou M,Wei X.The protective effects of angelica organic acid against ox-LDL-induced autophagy dysfunction of HUVECs.BMC Complement Med Ther.2020 Jun 1;20(1):164.doi:10.1186/s12906-020-02968-7.PMID:32487223;PMCID:PMC7268640.

Visit bosterbio.com/anti-vwf-antibody-m00270-2-boster.html to see all 1 publications.

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