



Mouse Monoclonal Antibody **VWF** conjugated to Sepharose Beads

CatalogNo: **ANT8187-S**

Size 200ul

Storage Store at 4 °C for frequent use

Description

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays.

VWF (ANT0016R) Rabbit mAb

Formulation: 50% slurry in PBS pH 7.2 with 0.01mg NaN₃ preservative.

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat,

Applications

- WB, IHC, IF, IP, ELISA

MW

- 309kD (Calculated)
- 280kD (Observed)

Isotype

- IgG, Kappa

Recommended Dilution Ratios

IP

Basic Information

Clonality

Monoclonal

Clone Number ANT0016R

Immunogen Information

Specificity Endogenous

Gene name VWF F8VWF

Protein Name von Willebrand factor (vWF) [Cleaved into: von Willebrand antigen 2 (von Willebrand antigen II)]

Organism	Gene ID	UniProt ID
Human	7450 ;	P04275 ;
Mouse		Q8CIZ8 ;
Rat		Q62935 ;

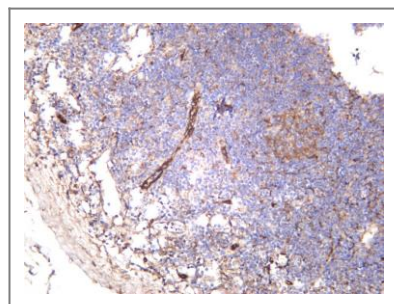
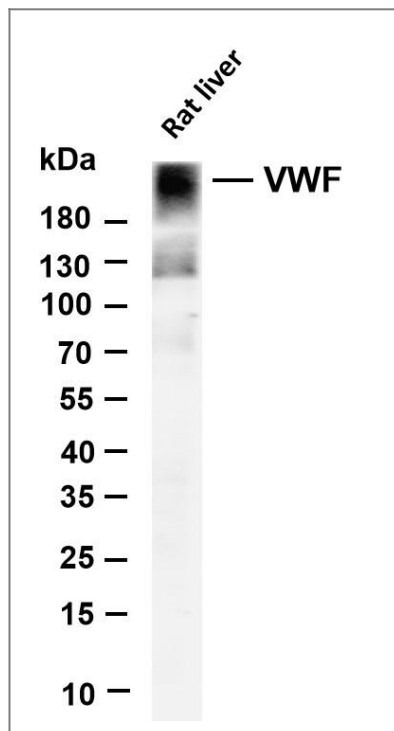
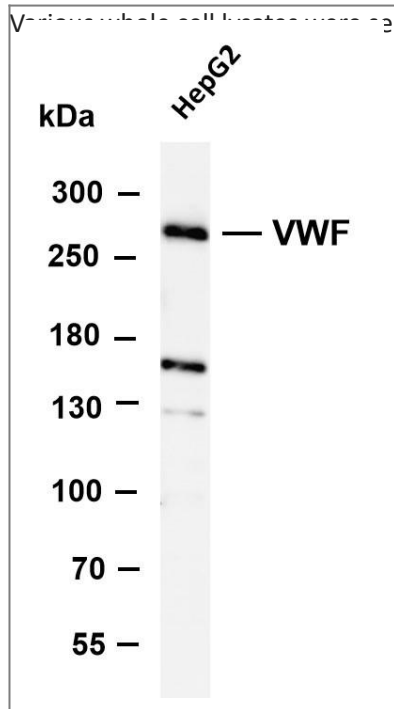
Cellular Secreted

Localization

Tissue specificity Plasma.

Function Disease:Defects in VWF are associated with various forms of von Willebrand disease (VWD) [MIM:193400, 277480]. VWD is characterized by frequent bleeding (gingival, minor skin quantitative lacerations, menorrhagia, etc.). Type I VWD is associated with a deficiency of VWF; type II by normal to decreased plasma level of VWF; type III by a virtual absence of VWF. There are subtypes (A to H) of type II VWD; for example: type IIA is characterized by the absence of VWF high molecular weight multimers in plasma.,Domain:The von Willebrand antigen 2 is required for multimerization of vWF and for its targeting to storage granules.,Function:Important in the maintenance of hemostasis, it promotes adhesion of platelets to the sites of vascular injury by forming a molecular bridge between subendothelial 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.,online information:von Willebrand factor (vWF) mutation db,online information:Von Willebrand factor entry,ANTM:All cysteine residues are involved in intrachain or interchain disulfide bonds.,similarity:Contains 1 CTCK (C-terminal cystine knot-like) domain.,similarity:Contains 3 VWFA domains.,similarity:Contains 3 VWFC domains.,similarity:Contains 4 TIL (trypsin inhibitory-like) domains.,similarity:Contains 4 VWFD domains.,subcellular location:Localized to storage granules.,subunit:Multimeric. Interacts with F8.,tissue specificity:Plasma.,

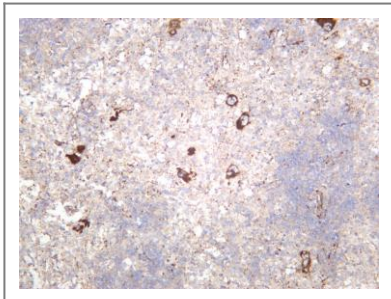
Venous whole cell lysates were separated by 4-8% SDS-PAGE, and the membrane was blotted with anti- VWF (ANT0016R)



antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HepG2 Predicted band size: 309kDa Observed band size: 280kDa

Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-VWF (ANT0016R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: Rat liver Predicted band size: 309kDa Observed band size: 280kDa

Human tonsil was stained with anti-VWF (ANT0016R) rabbit antibody



Rat spleen was stained with anti-VWF (ANT0016R) rabbit antibody

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