

Anti-Von Willebrand Factor antibody [EPR12011] ab174290

重组 RabMAb

6 References **3 图像**

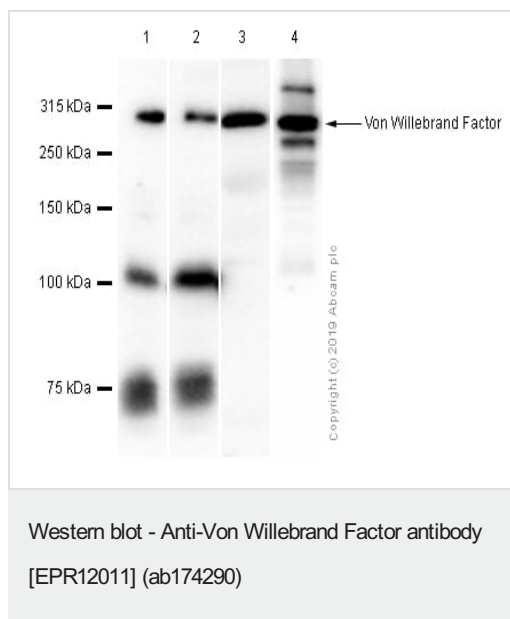
概述

产品名称	Anti-Von Willebrand Factor抗体[EPR12011]
描述	兔单克隆抗体[EPR12011] to Von Willebrand Factor
宿主	Rabbit
经测试应用	适用于: WB 不适用于: ICC/IF, IHC-P or IP
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide within Human Von Willebrand Factor aa 2050-2150 (Cysteine residue). The exact sequence is proprietary. Database link: P04275
阳性对照	WB: Human serum, Human plasma, Rat plasma, and Mouse platelet lysates.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR12011

同种型	IgG	
应用		
The Abpromise guarantee Abpromise™ 承诺保证使用ab174290于以下的经测试应用		
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。		
应用	Ab评论	说明
WB		1/1000 - 1/5000. Predicted molecular weight: 309 kDa.
应用说明	Is unsuitable for ICC/IF ,IHC-P or IP.	
靶标		
功能	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.	
组织特异性	Plasma.	
疾病相关	Defects in VWF are the cause of von Willebrand disease (VWD) [MIM:277480]. VWD defines a group of hemorrhagic disorders in which the von Willebrand factor is either quantitatively or qualitatively abnormal resulting in altered platelet function. Symptoms vary depending on severity and disease type but may include prolonged bleeding time, deficiency of factor VIII and impaired platelet adhesion. Type I von Willebrand disease is the most common form and is characterized by partial quantitative plasmatic deficiency of an otherwise structurally and functionally normal Willebrand factor; type II is associated with a qualitative deficiency and functional anomalies of the Willebrand factor; type III is the most severe form and is characterized by total or near-total absence of Willebrand factor in the plasma and cellular compartments, also leading to a profound deficiency of plasmatic factor VIII.	
序列相似性	Contains 1 CTCK (C-terminal cystine knot-like) domain. Contains 4 TIL (trypsin inhibitory-like) domains. Contains 3 VWFA domains. Contains 3 VWFC domains. Contains 4 VWFD domains.	
结构域	The von Willebrand antigen 2 is required for multimerization of vWF and for its targeting to storage granules.	
翻译后修饰	All cysteine residues are involved in intrachain or interchain disulfide bonds. N- and O-glycosylated.	
细胞定位	Secreted. Secreted > extracellular space > extracellular matrix. Localized to storage granules.	
图片		



All lanes : Anti-Von Willebrand Factor antibody [EPR12011] (ab174290) at 1/1000 dilution (Purified)

Lane 1 : Human serum lysates

Lane 2 : Human plasma lysates

Lane 3 : Rat plasma lysates

Lane 4 : Mouse platelet lysates

Lysates/proteins at 20 µg per lane.

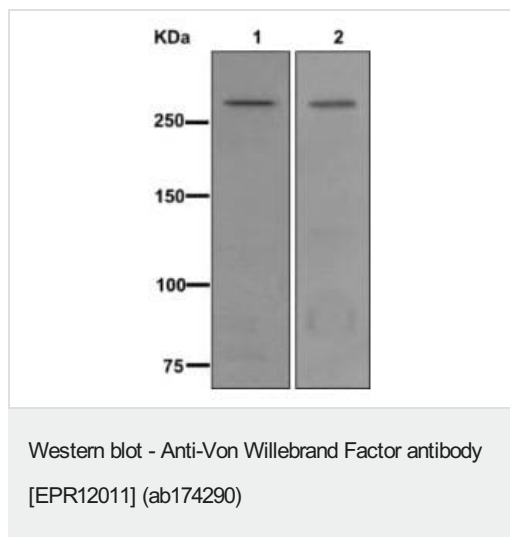
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 309 kDa

Observed band size: 309 kDa

We are unsure how to define the extra bands.



All lanes : Anti-Von Willebrand Factor antibody [EPR12011] (ab174290) at 1/1000 dilution

Lane 1 : Human serum lysate

Lane 2 : Human plasma lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 309 kDa

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Von Willebrand Factor antibody [EPR12011]
(ab174290)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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