


# Anti-Von Willebrand Factor antibody ab9378

★★★★☆ [17 Abreviews](#) [28 References](#) [3 图像](#)

### 概述

产品名称	Anti-Von Willebrand Factor抗体
描述	兔多克隆抗体to Von Willebrand Factor
宿主	Rabbit
经测试应用	适用于: IHC-P, Flow Cyt, WB, IHC-Fr, ICC/IF
种属反应性	与反应: Human 预测可用于: Mouse 
免疫原	Full length native protein (purified) corresponding to Human Von Willebrand Factor. Factor VIII related antigen isolated from human plasma.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.3
纯度	Protein A purified
克隆	多克隆
同种型	IgG

### 应用

**The Abpromise guarantee** **Abpromise™**承诺保证使用ab9378于以下的经测试应用

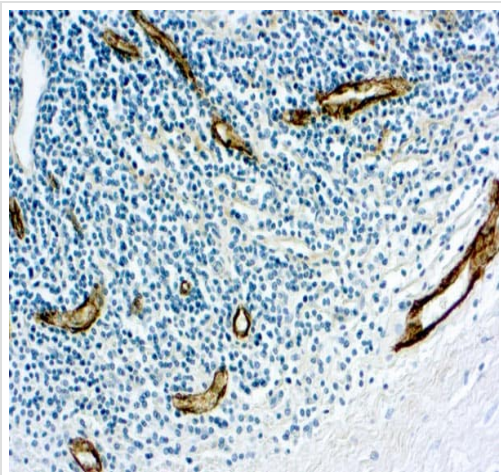
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P	★★★★★ (8)	1/50 - 1/100.
Flow Cyt	★★★★★ (1)	Use at an assay dependent concentration. <b>ab171870</b> - Rabbit polyclonal IgG, is suitable for use as an isotype control with this antibody.
WB	★★★★★ (2)	Use a concentration of 1 µg/ml. Detects a band of approximately 250 kDa (predicted molecular weight: 309 kDa).
IHC-Fr	★★★★★ (1)	Use at an assay dependent concentration.
ICC/IF	★★★★★ (2)	Use at an assay dependent concentration.

## 靶标

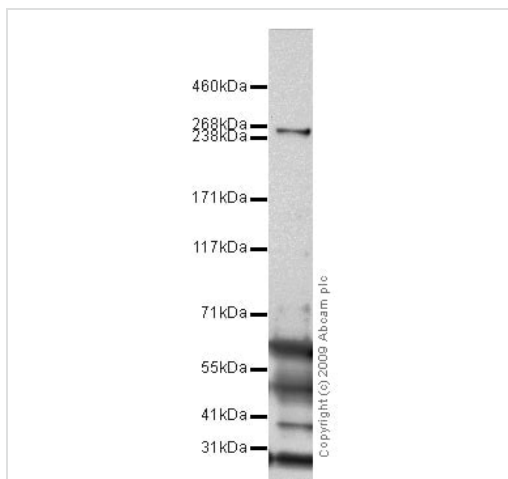
功能	Important in the maintenance of hemostasis, it promotes adhesion of platelets to the sites of vascular injury by forming a molecular bridge between sub-endothelial collagen matrix and platelet-surface receptor complex GPIb-IX-V. Also acts as a chaperone for coagulation factor VIII, delivering it to 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 WWF 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



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Von Willebrand Factor antibody (ab9378)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human tonsil tissue labelling Von Willebrand Factor with ab9378.



Western blot - Anti-Von Willebrand Factor antibody (ab9378)

Anti-Von Willebrand Factor antibody (ab9378) at 1  $\mu$ g/ml + Lung (Human) Tissue Lysate at 10  $\mu$ g

#### Secondary

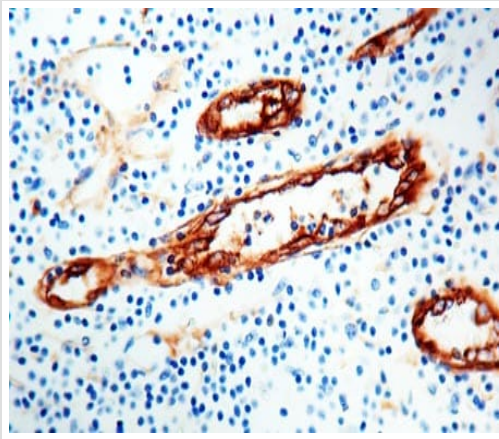
Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

**Predicted band size:** 309 kDa

**Observed band size:** 250 kDa

**Additional bands at:** 40 kDa, 50 kDa, 65 kDa. We are unsure as to the identity of these extra bands.

Many bands of varying sizes can be seen on Western blots, perhaps indicating differential processing by ADAMTS13 and other enzymes



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human tonsil tissue, staining Von Willebrand Factor with ab9378.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Von Willebrand Factor antibody (ab9378)

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

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