


# Anti-Von Willebrand Factor antibody ab9378

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

### 製品の概要

製品名	Anti-Von Willebrand Factor antibody
製品の詳細	Rabbit polyclonal to Von Willebrand Factor
由来種	Rabbit
アプリケーション	<b>適用あり:</b> IHC-P, Flow Cyt, WB, IHC-Fr, ICC/IF
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Mouse 
免疫原	Full length native protein (purified) corresponding to Human Von Willebrand Factor. Factor VIII related antigen isolated from human plasma.
特記事項	<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>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.3
精製度	Protein A purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

### アプリケーション

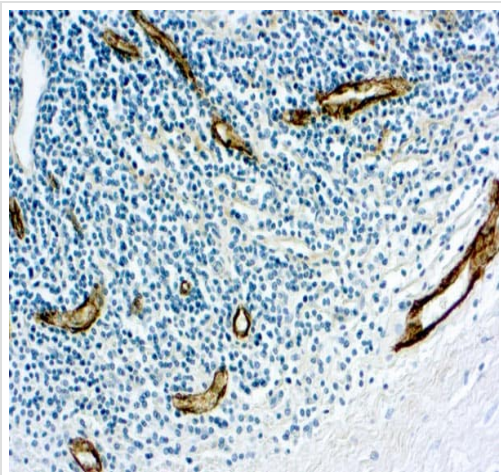
**The Abpromise guarantee** **Abpromise保証は、次のテスト済みアプリケーションにおけるab9378の使用に適用されます**  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
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.

## ターゲット情報

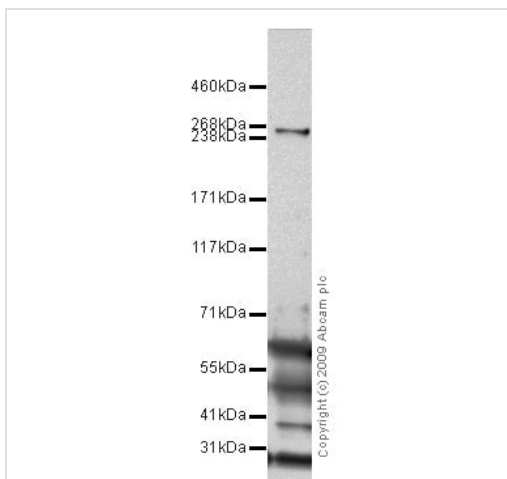
機能	Important in the maintenance of hemostasis, it promotes adhesion of platelets to the sites of vascular injury by forming a molecular bridge between sub-endothelial collagen matrix and platelet-surface receptor complex GPIb-IX-V. Also acts as a chaperone for coagulation factor VIII, delivering it to the site of injury, stabilizing its heterodimeric structure and protecting it from premature clearance from plasma.
組織特異性	Plasma.
関連疾患	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.
配列類似性	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.
ドメイン	The von Willebrand antigen 2 is required for multimerization of WWF and for its targeting to storage granules.
翻訳後修飾	All cysteine residues are involved in intrachain or interchain disulfide bonds. N- and O-glycosylated.
細胞内局在	Secreted. Secreted > extracellular space > extracellular matrix. Localized to storage granules.

## 画像



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

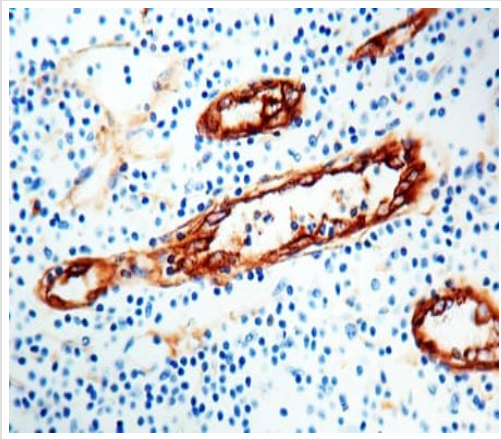
Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

**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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