

Datasheet for ABIN6940898

Recombinant anti-VWF antibody (AA 1815-1939)



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3 Images

Overview

Quantity:	100 µg
Target:	VWF
Binding Specificity:	AA 1815-1939
Reactivity:	Human
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This VWF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Staining Methods (StM)

Product Details

Immunogen:	Recombinant fragment of human vWF protein (aa1815-1939) (exact sequence is proprietary)
Clone:	RVWF-1465
Isotype:	IgG1 kappa
Purification:	Purified by Protein A/G

Target Details

Target:	VWF
Alternative Name:	VWF (VWF Products)

Target Details

Background: Von Willebrand Factor (vWF) is a multimeric glycoprotein that is found in endothelial cells, plasma and platelets. It acts as a carrier protein for Factor VIII and promotes platelet adhesion and aggregation. vWF undergoes a variety of posttranslational modifications that influence the affinity and availability for Factor VIII, including cleavage of the propeptide and formation of N-terminal disulfide bonds. This antibody helps to establish the endothelial nature of some lesions of disputed histogenesis, e.g. Kaposi's sarcoma and cardiac myxoma. It is widely used for differentiating vascular lesions from those of other tissue differentiation within a panel of other vascular markers although not all tumors of endothelial differentiation contain this antigen.

Molecular Weight: 250kDa

Gene ID: 7450

UniProt: [P04275](#)

Application Details

Application Notes: Positive Control: HUVEC cells. Tonsil.
Known Application: Western Blot (0.5-1.0 µg/mL), Immunoprecipitation (0.5-1 µg/500 µg protein lysate), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT) (Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes) Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

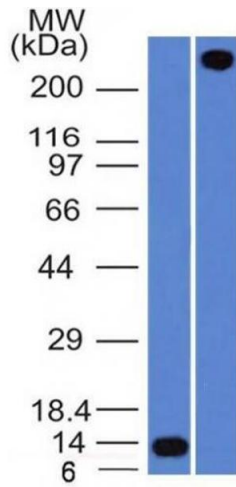
Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

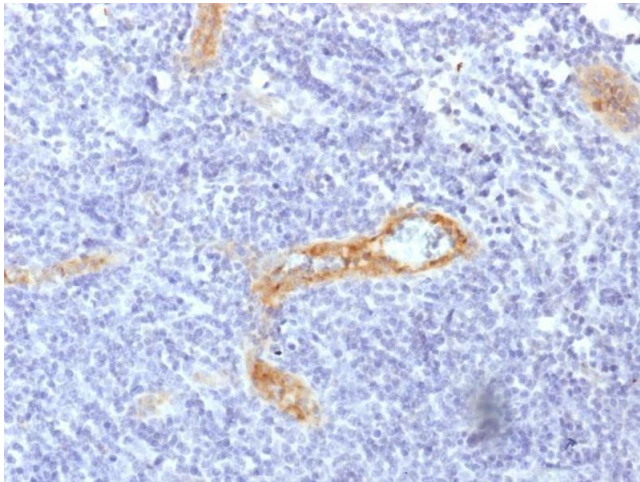
Storage: 4 °C, -80 °C

Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.



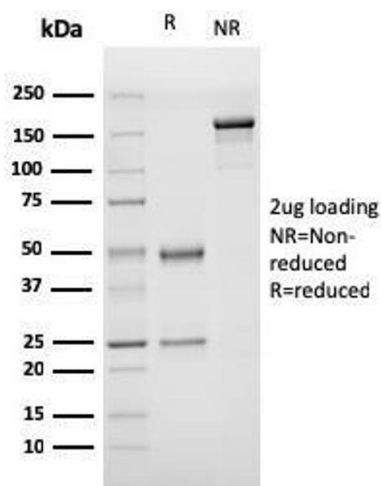
Western Blotting

Image 1. Western Blot Analysis A) Recombinant Protein (B) human lung lysate Using Recombinant Mouse Monoclonal Antibody (rVWF/1465).



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Tonsil stained with vWF Recombinant Mouse Monoclonal Antibody (rVWF/1465).



SDS-PAGE

Image 3. SDS-PAGE Analysis Purified vWF Recombinant Mouse Monoclonal Antibody (rVWF/1465). Confirmation of Purity and Integrity of Antibody.