Datasheet for ABIN6940890

anti-VWF antibody (AA 845-949)

3 Images

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Overview

Quantity:	100 µg
Target:	VWF
Binding Specificity:	AA 845-949
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This VWF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (IF), Immunoprecipitation (IP), Staining Methods (StM)

Product Details

Immunogen:	Recombinant human vWF fragment spanning around aa 845-949 (exact sequence is proprietary)
Clone:	3E2D10
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: Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Western Blot (1-2 µg/mL), Immunoprecipitation (1-2 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

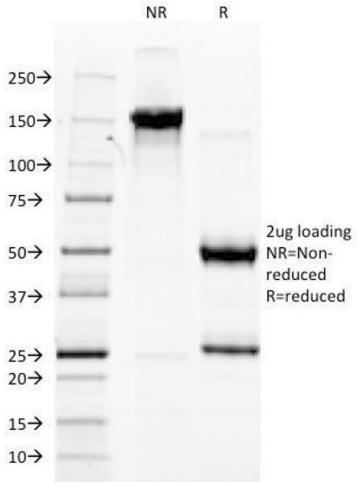
Handling

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.

Handling

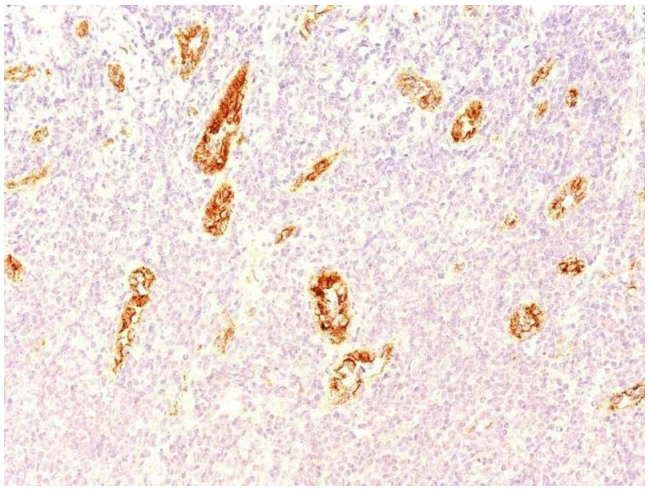
Expiry Date:	24 months

Images



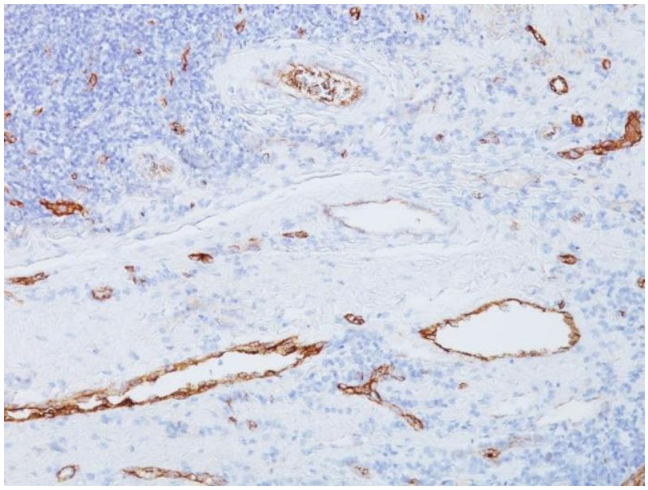
SDS-PAGE

Image 1. SDS-PAGE Analysis Purified vWF Mouse Monoclonal Antibody (3E2D10).



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Pancreas stained with vWF Mouse Monoclonal Antibody (3E2D10).



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Tonsil stained with vWF Mouse Monoclonal Antibody (3E2D10).

