

12-1265: Anti-von Willebrand Factor / Factor VIII Related-Ag (Endothelial Marker) Recombinant Mouse Monoclonal Antibody (Clone:rVWF/1465)

Clonality :	Monoclonal
Clone Name :	rVWF/1465
Application :	WB,IP,IHC
Reactivity :	Human
Gene :	VWF
Gene ID :	7450
Uniprot ID :	P04275
Format :	Purified
Alternative Name :	Coagulation Factor VIII, Factor VIII Related Antigen, F8VWF, von Willebrand Antigen 2, von Willebrand Disease (vWD)
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Recombinant fragment of human vWF protein (aa 1815-1939) (exact sequence is proprietary)

Description

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.

Product Info

Amount :	20 µg / 100 µg
Purification :	Protein A/G
Content :	200µg/ml of recombinant MAb purified by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	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.

Application Note

Western Blot (1-2Âµg/ml); Immunoprecipitation (0.5-1ug/500ug protein lysate);Immunohistochemistry (Formalin-fixed) (1-2Âµg/ml for 30 minutes at RT) (Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes);

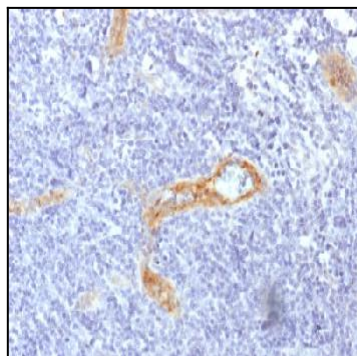


Figure 1: Formalin-fixed, paraffin-embedded human Tonsil stained with vWF Mouse Recombinant Monoclonal Antibody (rVWF/1465).

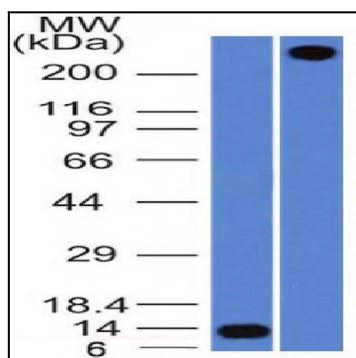


Figure 2: Western Blot Analysis A) Recombinant Protein (B) human lung lysate vWF Mouse Recombinant Monoclonal Antibody (rVWF/1465).

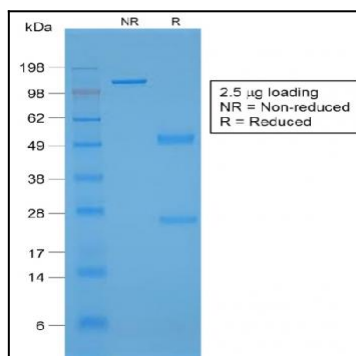


Figure 3: SDS-PAGE Analysis Purified vWF Mouse Recombinant Monoclonal Antibody (rVWF/1465).