

36-1803: Monoclonal Antibody to von Willebrand Factor / Factor VIII Related-Ag (Endothelial Marker)(Clone : 3E2D10)

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|--------------------------------|--|
| Clonality : | Monoclonal |
| Clone Name : | 3E2D10 |
| Application : | IP,FACS,IF,WB,IHC |
| Reactivity : | Human |
| Gene : | VWF |
| Gene ID : | 7450 |
| Uniprot ID : | P04275 |
| Format : | Purified |
| Alternative Name : | VWF,F8VWF |
| Isotype : | Mouse IgG1, kappa |
| Immunogen Information : | Recombinant human vWF fragment spanning aa 845-949 |

Description

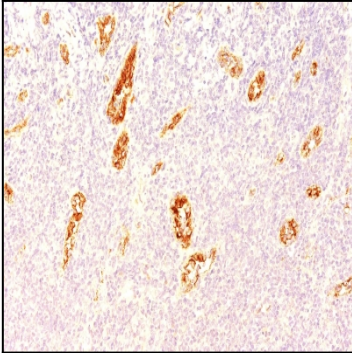
von Willebrand Factor (vWF) is a multimeric glycoprotein that is found in endothelial cells, plasma and platelets. It acts as a carrier protein for Factor VIII and promotes platelet adhesion and aggregation. vWF undergoes a variety of posttranslational modifications that influence the affinity and availability 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

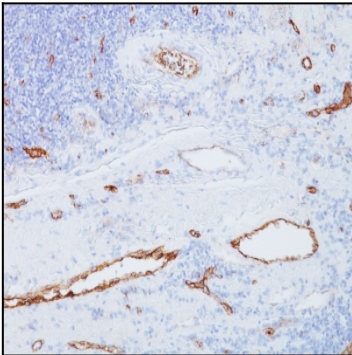
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| Amount : | 100 µg |
| Purification : | Affinity Chromatography |
| Content : | 100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic. |
| Storage condition : | Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles. |

Application Note

Immunoprecipitation (1-2ug per 100-500ug of total protein (1ml of cell lysate)); ,Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Western Blot (1-2ug/ml); ,Immunohistochemistry (Formalin-fixed) (1-2ug/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),



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



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