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

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

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.

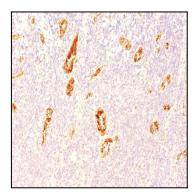
Application Note

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),

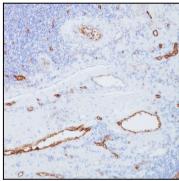


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Formalin-fixed, paraffin-embedded human Pancreas stained with vWF Monoclonal Antibody (3E2D10) $\,$



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