36-1804: Monoclonal Antibody to von Willebrand Factor / Factor VIII Related-Ag (Endothelial Marker)(Clone : VWF635)

Clonality : Monoclonal
Clone Name : VWF635
Application : FACS, IF, IP, 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

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
Flow Cytometry (0.5-1 Âµg/million cells in 0.1ml); Immunofluorescence (0.5-1 Âµg/ml); Western Blot 0.5-1.0 Âµg/ml); Immunoprecipitation (0.5-1 Âµg/500 Âµg protein Lysate); Immunohistology (Formalin-fixed) (0.5-1.0 Âµg/ml for 30 minutes at RT); (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM 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.
For Research Use Only. Not for use in diagnostic/therapeutics procedures.

Formalin-fixed, paraffin-embedded human Bone Marrow stained with vWF Monoclonal Antibody (VWF635)

Formalin-fixed, paraffin-embedded human Tonsil stained with vWF Monoclonal Antibody (VWF635)