Product datasheet for AM50328PU-T

Von Willebrand Factor (VWF) Mouse Monoclonal Antibody [Clone ID: 3E2D10 + VWF635]

Product data:

Product Type: Primary Antibodies
Clone Name: 3E2D10 + VWF635
Applications: FC, IF, IHC, IP, WB

Recommend Dilution:
- **ELISA**: Use BSA free Antibody for coating.
- **Flow Cytometry**: 0.5-1 µg/million cells
- **Immunofluorescence**: 0.5-1 µg/ml
- **Western Blotting**: 0.5-1 µg/ml
- **Immunoprecipitation**: 0.5-1 µg/500 µg protein lysate.
- **Immunohistochemistry on Frozen and Formalin-Fixed Paraffin Sections**: 0.5-1 µg/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.

**Positive Control**: HUVEC cells or Tonsil

Reactivity: Human
Host: Mouse
Isotype: IgG1
Clonality: Monoclonal
Immunogen: Recombinant human vWF fragment (3E2D10 & VWF635).

Specificity: 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.

**Cellular Localization**: Cytoplasmic.

Formulation: 10mM PBS
State: Purified
State: Liquid purified IgG fraction from Bioreactor Concentrate
Stabilizer: 0.05% BSA
Preservative: 0.05% Sodium Azide

Concentration: Lot specific
Purification: Protein A/G Chromatography

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| **Storage:** | Store undiluted at 2-8°C. |
| **Stability:** | Shelf life: one year from despatch. |
| **Predicted Protein Size:** | 250 kDa |
| **Database Link:** | Entrez Gene 7450 Human |

**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.

**Synonyms:**
vWF, von Willebrand antigen 2, von Willebrand antigen II, F8VWF, Factor VIII Related Antigen

**Product images:**

![Formalin-Fixed, Paraffin-Embedded Human tonsil stained with VWF Antibody (Clone 3E2D10 + VWF635)](image-url)