



Technical Data

V2700-08A

Clone Type
Monoclonal

Host
Mouse

Source
Human

Isotype
IgG1

Clone Number
2Q2134

Grade
Affinity Purified

Applications
E IC IF IHC WB

Crossreactivity
Hu

Shipping Temp
Blue Ice

Storage Temp
-20°C

Notes
Preservative Free
BSA Free

Mouse Anti-Von Willebrand Factor (vWF, Factor VIII Related Antigen) (BSA, Azide & Glycerol Free)

Von Willebrand Factor is synthesized by endothelial cells, causing adhesion of platelets to injured vessel walls and functions as a carrier and stabilizer for coagulation of Factor VIII. It is one of the most widely used endothelial cell markers for studying angiogenesis/neovascularization.

Applications

Suitable for use in ELISA, Immunofluorescence, Western Blot, Immunohistochemistry and Immunoperoxidase staining. Other applications have not been tested.

Recommended Dilutions

Western Blot: 1:1000. Detected vWF on 10ug of human placenta lysates. Indirect Immunoperoxidase staining: 1:50 Immunohistochemistry: Frozen and formalin fixed sections. Optimal dilutions to be determined by the researcher.

Recommended Secondary Antibodies

I1904-02C: IgG, H&L (HRP) Pab Dk xMo I1904-03C: IgG, H&L (X-Adsorbed) (HRP)
Pab Dk xMo

pI: 6.55

Source: Ascites

Control: Tonsil

Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for 12 months after receipt. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

Immunogen

Purified human Factor VIII complex.

Form

Supplied as a liquid in PBS, pH 7.4.

Purity

Purified by Protein A affinity chromatography.

Specificity

Recognizes human von Willebrand Factor or Factor VIII related antigen at ~310kD in both plasma and tissues.

Intended for research use only. Not for use in human, therapeutic, or diagnostic applications.

References

1. Francis, S.E., et al., Pathology 17: 579-585 (1985). 2. Exner, T., et al., Pathology 16: 356 (1984). 3. Francis, S., et al., Some studies with monoclonal antibodies to Human Factor VIII. Proceedings of the Haematology Society of Australia held in Perth, 1984.

United States Biological | 4 Technology Way | Salem, MA 01970
Phone 800-520-3011 | Fax 978-594-8052 | Website www.usbio.net