

Von Willebrand Factor (VWF) Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50079

Clone# BP6084

Predicted Molecular Wt: 309kDa

Species Cross-reactivity: Human

Applications: IHC-P

Purity: ProA affinity purified IgG

Form: Liquid

Swissprot ID: P04275

Background:

Human von Willebrand factor (VWF, or factor VIII-related antigen) is a 309 kDa multimeric plasma glycoprotein, important in the maintenance of hemostasis, it promotes adhesion of platelets to the sites of vascular injury by forming a molecular bridge between sub-endothelial collagen matrix and platelet-surface receptor complex GPIb-IX-V. Von Willebrand factor also acts as a chaperone for coagulation factor VIII, delivering it to the site of injury, stabilizing its heterodimeric structure and protecting it from premature clearance from plasma.

Von Willebrand factor is synthesized by endothelial cells and is reported to be expressed in a number of tumors of vascular origin. IHC results aid in the classification of acute myeloid leukemia FAB type M7, angiosarcoma and epithelioid hemangioendothelioma.

Subcellular location:

Cytoplasm

Recommended method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

Immunogen:

Synthetic peptide corresponding to residues within aa1150-1250 of von Willebrand factor was used as an immunogen.

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage conditions:

-20°C

Storage instructions:

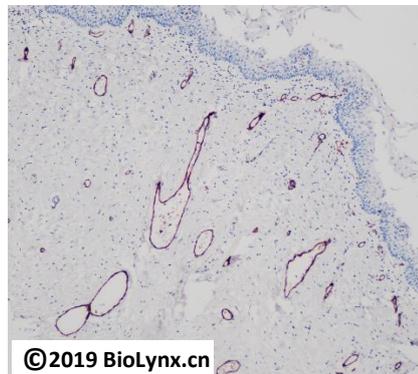
Shipped on blue ice. Upon delivery, aliquot, and store at -20°C. Avoid freeze / thaw cycles.

Recommended Dilutions:

IHC-P: 1:100-1:200

Background References:

1. Weidner N, Semple JP, Welch WR, Folkman J. N Engl J Med 1991;324:1-8.
2. Obermair A, Wanner C, Bilgi S, Speiser P, et al. Am J Obstet Gynecol 1998 Feb;178(2):314-319.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Cervix labelling VWF with BP6084. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9.0

Product QC'd by: 

For research use only. Not for use in diagnostic or therapeutic applications.