

Product Datasheet

Von Willebrand Factor Antibody (3E2D10) - Azide and BSA Free NBP2-34535-0.1mg

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP2-34535-0.1mg

Von Willebrand Factor Antibody (3E2D10) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3E2D10
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	250 kDa

Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-33002). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
Host	Mouse
Gene ID	7450
Gene Symbol	VWF
Species	Human
Marker	Endothelial Marker
Specificity/Sensitivity	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.
Immunogen	Recombinant human Von Willebrand Factor fragment spanning around aa 845-949 (exact sequence is proprietary) (Uniprot: P04275)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 0.5-1.0ug/ml, Flow Cytometry 0.5-1ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 0.5-1ug/ml, Immunoprecipitation 0.5-1ug/500ug protein lysate, Immunohistochemistry-Paraffin 0.5-1.0ug/ml, CyTOF-ready

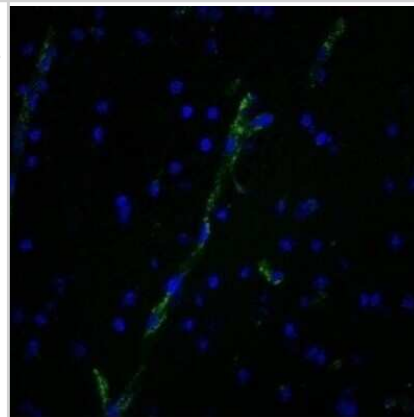


Application Notes

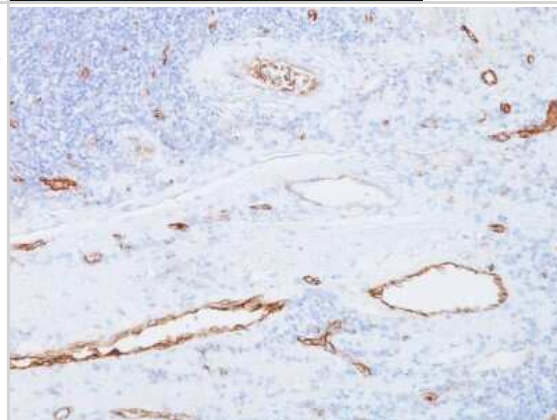
Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

Images

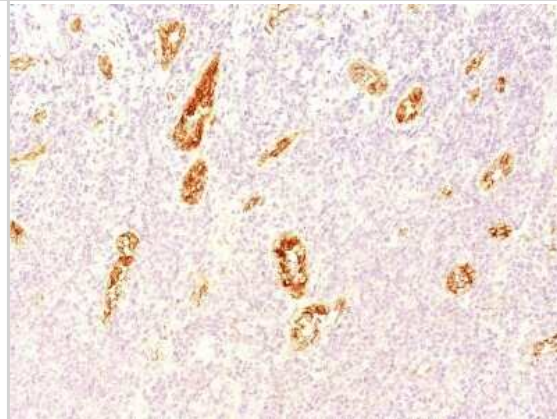
Immunohistochemistry-Paraffin: Von Willebrand Factor Antibody (3E2D10) - Azide and BSA Free [NBP2-34535] - Formalin-fixed, paraffin-embedded human brain stained using Von Willebrand Factor Antibody (3E2D10) followed by goat anti-mouse IgG-CF488 (green). DAPI used to label nuclei.



Immunohistochemistry-Paraffin: Von Willebrand Factor Antibody (3E2D10) - Azide and BSA Free [NBP2-34535] - Formalin-fixed, paraffin-embedded human tonsil stained with vWF MAb (3E2D10)



Immunohistochemistry-Paraffin: Von Willebrand Factor Antibody (3E2D10) - Azide and BSA Free [NBP2-34535] - Formalin-fixed, paraffin-embedded human Pancreas stained with Von Willebrand Factor Antibody (3E2D10).

**Publications**

Kottana RK, Maurizi L, Schnoor B et al Anti-Platelet Effect Induced by Iron Oxide Nanoparticles: Correlation with Conformational Change in Fibrinogen Small 2020-12-07 [PMID: 33284518] (FLOW, Human)

Details:

Citation using the Azide and BSA Free version of this antibody.



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Products Related to NBP2-34535-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-34474PEP	Von Willebrand Factor Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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