

Product Datasheet

Von Willebrand Factor/VWF Rabbit Polyclonal Antibody (orb234319)

Catalog Number	orb234319
Category	Antibodies
Description	Von Willebrand Factor/VWF Rabbit Polyclonal Antibody
Target	von Willebrand factor
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Mouse, Rat
Form/Appearance	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.
Buffer/Preservatives	Each vial contains antibody formulated with stabilizing components, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , and 0.05 mg NaN ₃ . *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Purification	Immunogen affinity purified.

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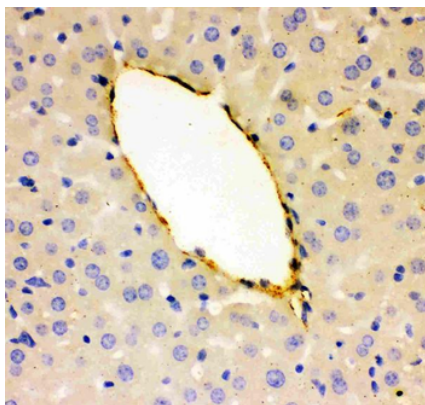
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Immunogen	E.coli-derived mouse VWF recombinant protein (Position: M1304-E1452).
UniProt ID	Q8CIZ8
MW	309 kDa
Tested applications	IF, IHC, WB
Dilution range	Western blot, 0.1-0.5µg/ml, Mouse, Rat Immunohistochemistry (Paraffin-embedded Section), 0.5-1µg/ml, Mouse, Rat Immunofluorescence, 2µg/ml, Rat
Specificity	No cross reactivity with other proteins.
Cross Reactivity	No cross-reactivity with other proteins
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Anti-VWF Picoband antibody, IHC(P): Mouse Liver Tissue.

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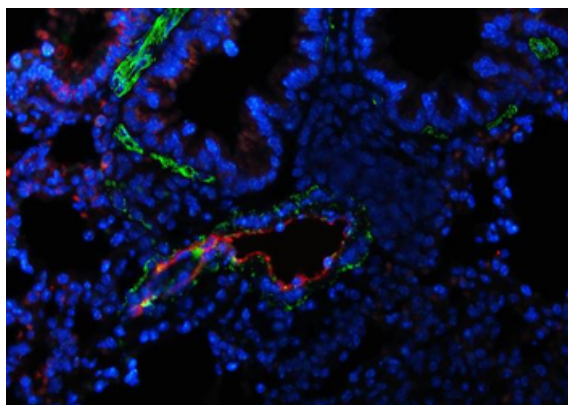
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Anti-VWF Picoband antibody, Western blotting. All lanes: Anti VWF at 0.5 ug/ml. WB: Mouse Lung Tissue Lysate at 50 ug. Predicted bind size: 309 KD. Observed bind size: 309 KD.



Anti-VWF Picoband antibody, Western blotting. All lanes: Anti VWF at 0.5 ug/ml. WB: Recombinant Mouse VWF Protein 0.5 ng. Predicted bind size: 37 KD. Observed bind size: 37 KD.



IF analysis of VWF and alpha-Smooth Muscle Actin using anti-VWF antibody and anti-alpha-Smooth Muscle Actin antibody. VWF and alpha-Smooth Muscle Actin a paraffin-embedded section of rat lung tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 µg/mL rabbit anti-VWF antibody and mouse anti-alpha-Smooth Muscle Actin Antibody overnight at 4°C. DyLight®488 Conjugated Goat Anti-Rabbit IgG and Cy3 Conjugated Goat Anti-Mouse IgG were used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37°C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.

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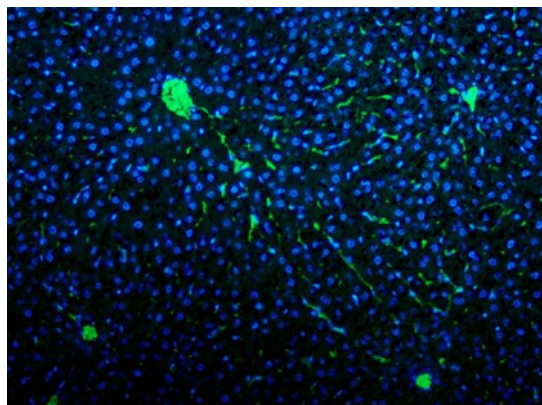
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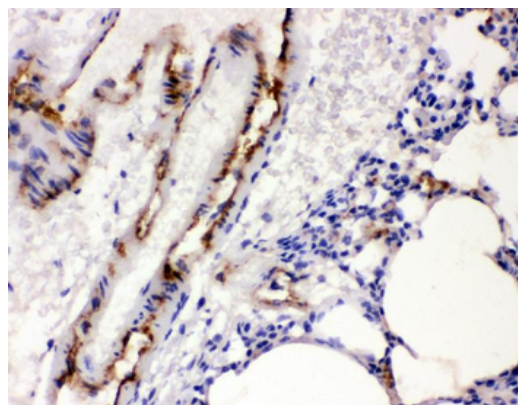
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IF analysis of VWF using anti-VWF antibody. VWF was detected in paraffin-embedded section of rat liver tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 $\mu\text{g}/\text{mL}$ rabbit anti-VWF Antibody overnight at 4°C. DyLight®488 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37°C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



IHC analysis of VWF using anti-VWF antibody. VWF was detected in paraffin-embedded section of rat lung tissues. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1 $\mu\text{g}/\text{ml}$ rabbit anti-VWF Antibody overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.

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