# Product Datasheet

## Von Willebrand Factor Antibody (rVWF/1465) [Alexa Fluor® 594]

## NBP3-08962AF594

Unit Size: 100 ul

Store at 4C in the dark.

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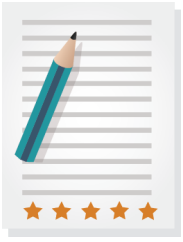

# NBP3-08962AF594

Von Willebrand Factor Antibody (rVWF/1465) [Alexa Fluor® 594]

| Product Information | |
|---|---|
| **Unit Size** | 100 ul |
| **Concentration** | Please see the vial label for concentration. If unlisted please contact technical services. |
| **Storage** | Store at 4C in the dark. |
| **Clonality** | Monoclonal |
| **Clone** | rVWF/1465 |
| **Preservative** | 0.05% Sodium Azide |
| **Isotype** | IgG1 Kappa |
| **Conjugate** | Alexa Fluor 594 |
| **Purity** | Protein A or G purified |
| **Buffer** | 50mM Sodium Borate |

| Product Description | |
|---|---|
| **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. Kaposis 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 fragment of human Von Willebrand Factor protein (aa1815-1939) (exact sequence is proprietary) (Uniprot: P04275) |

| | |
|---|---|
| **Notes** | Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |

| **Product Application Details** | |
|---|---|
| **Applications** | Western Blot, Immunohistochemistry-Paraffin, Immunoprecipitation |
| **Recommended Dilutions** | Western Blot, Immunoprecipitation, Immunohistochemistry-Paraffin |
| **Application Notes** | Optimal dilution of this antibody should be experimentally determined. |

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## Products Related to NBP3-08962AF594

| | |
|---|---|
| IC002T | Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 594] |
| NBP1-84761PEP | Von Willebrand Factor Recombinant Protein Antigen |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| KA0512 | Human Von Willebrand Factor ELISA Kit (Colorimetric) |

**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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