

# Product Datasheet

## VEGF Antibody [PE] AF-493-NAP

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF-493-NAP**

VEGF Antibody [PE]

| Product Information         |                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                                                                                                                                                                                                                                                |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                                           |
| Storage                     | Store at 4C in the dark.                                                                                                                                                                                                                                                                                                                                                                              |
| Clonality                   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                            |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                    |
| Isotype                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                   |
| Conjugate                   | PE                                                                                                                                                                                                                                                                                                                                                                                                    |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                                                                                                             |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                                                                                                   |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                       |
| Host                        | Goat                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene ID                     | 7422                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Symbol                 | VEGFA                                                                                                                                                                                                                                                                                                                                                                                                 |
| Species                     | Mouse                                                                                                                                                                                                                                                                                                                                                                                                 |
| Specificity/Sensitivity     | Detects mouse VEGF in ELISAs and Western blots. In Western blots, detection of recombinant mouse (rm) VEGF164, rmVEGF120, rmVEGF188, and recombinant rat VEGF164 is observed but no cross-reactivity with rmVEGF-B167,rmVEGF-B186 , or recombinant human (rh) VEGF165 is observed. In sandwich immunoassays, less than 0.04% cross-reactivity with rhVEGF121, rhVEGF165, and rhVEGF/PlGF is observed. |
| Immunogen                   | <i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant mouse VEGF164<br>Ala27-Arg190<br>Accession # AAA40547                                                                                                                                                                                                                                                                         |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                       |
| Applications                | Western Blot, Immunohistochemistry, ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), ELISA Standard (Matched Pair), Neutralization                                                                                                                                                                                                                                     |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, ELISA Standard (Matched Pair), Neutralization, ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair)                                                                                                                                                                                                                                     |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                |





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to AF-493-NAP**

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|                     |                                |
|---------------------|--------------------------------|
| NB410-28088PE-500ul | Goat IgG Isotype Control [PE]  |
| NB100-2381PEP       | VEGF Antibody Blocking Peptide |
| 210-TA-005          | TNF-alpha [Unconjugated]       |
| DVE00               | VEGF [HRP]                     |

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### **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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