

# Product Datasheet

## TNF-alpha Antibody [FITC] AF1011F

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF1011F**

TNF-alpha Antibody [FITC]

| 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                   | FITC                                                                                                                                                                                                                                                                                                                                                                                                             |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                                                                                                                        |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                                                                                                              |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Host                        | Goat                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene ID                     | 7124                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene Symbol                 | TNF                                                                                                                                                                                                                                                                                                                                                                                                              |
| Species                     | Cotton Rat                                                                                                                                                                                                                                                                                                                                                                                                       |
| Specificity/Sensitivity     | Detects cotton rat TNF- $\alpha$ in direct ELISAs and Western blots. In direct ELISAs, greater than 50% cross-reactivity with recombinant mouse TNF- $\alpha$ is observed, approximately 30% cross-reactivity with recombinant rat TNF- $\alpha$ is observed, 20% cross-reactivity with recombinant human TNF- $\alpha$ is observed, and 5% cross-reactivity with recombinant porcine TNF- $\alpha$ is observed. |
| Immunogen                   | <i>E. coli</i> -derived recombinant cotton rat TNF- $\alpha$<br>Leu1-Leu156<br>Accession # AAL18818                                                                                                                                                                                                                                                                                                              |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Applications                | Western Blot, Neutralization                                                                                                                                                                                                                                                                                                                                                                                     |
| Recommended Dilutions       | Western Blot, Neutralization                                                                                                                                                                                                                                                                                                                                                                                     |
| 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  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to AF1011F**

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|                    |                                     |
|--------------------|-------------------------------------|
| NB410-28088F-500ul | Goat IgG Isotype Control [FITC]     |
| NBP2-35076-10ug    | Recombinant Human TNF-alpha Protein |
| M6000B-1           | IL-6 [HRP]                          |
| 210-TA-005         | TNF-alpha [Unconjugated]            |

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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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