

# Product Datasheet

## IL-18/IL-1F4 Antibody [Janelia Fluor® 646] AF2924J

Unit Size: 0.1 ml

Store at 4C in the dark.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/AF2924J](http://www.novusbio.com/AF2924J)

Updated 7/20/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/AF2924J](http://www.novusbio.com/reviews/destination/AF2924J)



**AF2924J**

IL-18/IL-1F4 Antibody [Janelia Fluor® 646]

| Product Information            |   |
|--------------------------------|---|
| <b>Unit Size</b>               | 0.1 ml  |
| <b>Concentration</b>           | Please see the vial label for concentration. If unlisted please contact technical services.   |
| <b>Storage</b>                 | Store at 4C in the dark.  |
| <b>Clonality</b>               | Polyclonal  |
| <b>Preservative</b>            | 0.05% Sodium Azide  |
| <b>Isotype</b>                 | IgG   |
| <b>Conjugate</b>               | Janelia Fluor 646   |
| <b>Purity</b>                  | Antigen Affinity-purified   |
| <b>Buffer</b>                  | 50mM Sodium Borate  |
| Product Description            |   |
| <b>Host</b>                    | Goat  |
| <b>Gene ID</b>                 | 3606  |
| <b>Gene Symbol</b>             | IL18  |
| <b>Species</b>                 | Canine  |
| <b>Specificity/Sensitivity</b> | Detects canine IL-18/IL-1F4 in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 50% cross-reactivity with recombinant porcine IL-18 is observed, 20% cross-reactivity with recombinant rhesus macaque IL-18 is observed, 15% cross-reactivity with recombinant human IL-18 is observed, and 5% cross-reactivity with recombinant mouse IL-18 and recombinant rat IL-18 is observed. |
| <b>Immunogen</b>               | <i>E. coli</i> -derived recombinant canine IL-18/IL-1F4<br>Tyr37-Ser193<br>Accession # Q9XSR0   |
| <b>Notes</b>                   | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.   |
| Product Application Details    |   |
| <b>Applications</b>            | Western Blot, Immunocytochemistry   |
| <b>Recommended Dilutions</b>   | Western Blot, Immunocytochemistry   |
| <b>Application Notes</b>       | 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 AF2924J**

---

|                 |  |
|-----------------|--|
| AB-108-CJ       | Goat IgG Isotype Control [Janelia Fluor 646] |
| NBP2-59520-20ug | Recombinant Mouse IL-18/IL-1F4 Protein       |
| 210-TA-005      | TNF-alpha [Unconjugated]                     |
| DL180           | IL-18/IL-1F4 [HRP]                           |

---

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/AF2924J](http://www.novusbio.com/reviews/submit/AF2924J)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

