

# Product Datasheet

## IL-1 beta/IL-1F2 Antibody (424823) [DyLight 594] FAB3340M

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/FAB3340M](http://www.novusbio.com/FAB3340M)

Updated 5/10/2025 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/FAB3340M](http://www.novusbio.com/reviews/destination/FAB3340M)



**FAB3340M**

IL-1 beta/IL-1F2 Antibody (424823) [DyLight 594]

| 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                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Clone                       | 424823                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Isotype                     | IgG2a                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Conjugate                   | DyLight 594                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Purity                      | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                                                                                                                                                                                                                                |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Host                        | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene ID                     | 3553                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene Symbol                 | IL1B                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Species                     | Equine                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Specificity/Sensitivity     | Detects equine IL $\square$ 1 $\beta$ /IL $\square$ 1F2 in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant canine IL-1 $\beta$ , recombinant cotton rat IL-1 $\beta$ , recombinant feline IL-1 $\beta$ , recombinant human (rh) IL $\square$ 1 $\beta$ , recombinant porcine IL-1 $\beta$ , recombinant rat IL $\square$ 1 $\beta$ , rhIL-1H1, or recombinant mouse IL-17R $\beta$ is observed. |
| Immunogen                   | <i>E. coli</i> -derived recombinant equine IL $\square$ 1 $\beta$ /IL $\square$ 1F2<br>Ala116-Ala268 (Glu179Gly, Met188Thr, Thr194Ile, Ser245Lys, Arg256Gln)<br>Accession # NP_001075995                                                                                                                                                                                                                                                                  |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                                                                                                                                                         |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Applications                | Western Blot                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Recommended Dilutions       | Western Blot                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 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 FAB3340M**

---

|                 |                                            |
|-----------------|--------------------------------------------|
| NBP2-35895-10ug | Recombinant Human IL-1 beta/IL-1F2 Protein |
| 210-TA-005      | TNF-alpha [Unconjugated]                   |
| 201-LB-005      | IL-1 beta/IL-1F2 [Unconjugated]            |
| M6000B-1        | IL-6 [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/FAB3340M](http://www.novusbio.com/reviews/submit/FAB3340M)

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

