

# Product Datasheet

## 12-Lipoxygenase Antibody (OTI1C3) [DyLight 594] NBP2-70165DL594

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/NBP2-70165DL594](http://www.novusbio.com/NBP2-70165DL594)

Updated 11/9/2023 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/NBP2-70165DL594](http://www.novusbio.com/reviews/destination/NBP2-70165DL594)



**NBP2-70165DL594****12-Lipoxygenase Antibody (OTI1C3) [DyLight 594]**

| <b>Product Information</b>         |                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>                   | Monoclonal                                                                                                                                                                                                                                                                                                                                      |
| <b>Clone</b>                       | OTI1C3                                                                                                                                                                                                                                                                                                                                          |
| <b>Preservative</b>                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                              |
| <b>Isotype</b>                     | IgG1                                                                                                                                                                                                                                                                                                                                            |
| <b>Conjugate</b>                   | DyLight 594                                                                                                                                                                                                                                                                                                                                     |
| <b>Purity</b>                      | Immunogen affinity purified                                                                                                                                                                                                                                                                                                                     |
| <b>Buffer</b>                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                              |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                                                                                 |
| <b>Host</b>                        | Mouse                                                                                                                                                                                                                                                                                                                                           |
| <b>Gene ID</b>                     | 239                                                                                                                                                                                                                                                                                                                                             |
| <b>Gene Symbol</b>                 | ALOX12                                                                                                                                                                                                                                                                                                                                          |
| <b>Species</b>                     | Human, Mouse                                                                                                                                                                                                                                                                                                                                    |
| <b>Reactivity Notes</b>            | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| <b>Immunogen</b>                   | Full length recombinant protein of human 12-Lipoxygenase (NP_000688) produced in HEK293T cells.                                                                                                                                                                                                                                                 |
| <b>Notes</b>                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                                               |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                                                 |
| <b>Applications</b>                | Immunohistochemistry, Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                                                             |
| <b>Recommended Dilutions</b>       | Immunohistochemistry, Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                                                             |
| <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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-70165DL594**

|                    |                                                        |
|--------------------|--------------------------------------------------------|
| NBP1-97005DL594    | Mouse IgG1 Isotype Control (MG1) [DyLight 594]         |
| H00000239-P01-10ug | Recombinant Human 12-Lipoxygenase GST (N-Term) Protein |
| 210-TA-005         | TNF-alpha [Unconjugated]                               |
| H00000239-Q01-10ug | Recombinant Human 12-Lipoxygenase GST (N-Term) Protein |

### **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/NBP2-70165DL594](http://www.novusbio.com/reviews/submit/NBP2-70165DL594)

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

