

# Product Datasheet

## IL-5 Antibody [DyLight 405] AF1795E

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF1795E**

IL-5 Antibody [DyLight 405]

| 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                   | DyLight 405                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Host                        | Goat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene ID                     | 3567                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene Symbol                 | IL5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Species                     | Feline                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Specificity/Sensitivity     | Detects feline IL-5 in direct ELISAs and Western blots. In direct ELISAs, approximately 80% cross-reactivity with recombinant bovine IL-5 and recombinant equine IL-5 is observed, approximately 50% cross-reactivity with recombinant porcine IL-5 and recombinant canine IL-5 is observed, approximately 10% cross-reactivity with recombinant human IL-5 is observed, and less than 1% cross-reactivity with recombinant rat IL-5, recombinant mouse IL-5, and recombinant rhesus monkey IL-5 is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant feline IL-5<br>Ile20-Ser134<br>Accession # O77515                                                                                                                                                                                                                                                                                                                                                                                                             |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Applications                | Western Blot, Immunocytochemistry, Neutralization                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Recommended Dilutions       | Western Blot, Neutralization, Immunocytochemistry                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 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](mailto:nb-technical@bio-techne.com)  
Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)  
General: [novus@novusbio.com](mailto:novus@novusbio.com)

### **Products Related to AF1795E**

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|                |                                        |
|----------------|----------------------------------------|
| NB410-28088V   | Goat IgG Isotype Control [DyLight 405] |
| NBP2-35132-5ug | Recombinant Mouse IL-5 Protein         |
| 210-TA-005     | TNF-alpha [Unconjugated]               |
| M5000          | IL-5 [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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