

# Product Datasheet

## HLA DQ1/DQ3 Antibody (HL-37) [PE] NB500-405PE

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/NB500-405PE](http://www.novusbio.com/NB500-405PE)

Updated 10/23/2024 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/NB500-405PE](http://www.novusbio.com/reviews/destination/NB500-405PE)



**NB500-405PE**

HLA DQ1/DQ3 Antibody (HL-37) [PE]

| 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               | HL-37                                                                                       |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG3                                                                                        |
| Conjugate           | PE                                                                                          |
| Purity              | Protein A purified                                                                          |
| Buffer              | PBS                                                                                         |

| Product Description     |                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                               |
| Gene ID                 | 3119                                                                                                                                                                                                                                                                                                                                                |
| Gene Symbol             | HLA-DQA1                                                                                                                                                                                                                                                                                                                                            |
| Species                 | Human, Porcine                                                                                                                                                                                                                                                                                                                                      |
| Reactivity Notes        | Cross-reacts with Human.                                                                                                                                                                                                                                                                                                                            |
| Specificity/Sensitivity | The antibody HL-37 reacts with polymorphic determinant on human HLA-DQ1 and HLA-DQ3 molecules (recognized epitope was found on isolated beta chain of DQ1), but does not react with HLA-DQ2. DQ is the isotype of human MHC Class II molecules expressed on antigen-presenting cells (APC; dendritic cells, B lymphocytes, monocytes, macrophages). |
| Immunogen               | Burkitt's lymphoma cell line Raji                                                                                                                                                                                                                                                                                                                   |

| Product Application Details |                                                                |
|-----------------------------|----------------------------------------------------------------|
| Applications                | Western Blot, Flow Cytometry, Immunoprecipitation, CyTOF-ready |
| Recommended Dilutions       | Western Blot, Flow Cytometry, Immunoprecipitation, CyTOF-ready |





### **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 NB500-405PE**

---

|             |                                            |
|-------------|--------------------------------------------|
| NB500-405UV | HLA DQ1/DQ3 Antibody (HL-37) [DyLight 350] |
| 210-TA-005  | TNF-alpha [Unconjugated]                   |
| NB120-6405  | MHC Class I Antibody (OX18) - BSA Free     |
| NB100-64775 | HLA ABC Antibody (W6/32)                   |

---

### **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/NB500-405PE](http://www.novusbio.com/reviews/submit/NB500-405PE)

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

