

# Product Datasheet

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

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB500-405H**

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

| 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                | No Preservative                                                                                                                                                                                                                                                                                                                                     |
| Isotype                     | IgG3                                                                                                                                                                                                                                                                                                                                                |
| Conjugate                   | HRP                                                                                                                                                                                                                                                                                                                                                 |
| Purity                      | Protein A purified                                                                                                                                                                                                                                                                                                                                  |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                                                 |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                     |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                               |
| Gene ID                     | 3119                                                                                                                                                                                                                                                                                                                                                |
| Gene Symbol                 | HLA-DQA1                                                                                                                                                                                                                                                                                                                                            |
| Species                     | Human, Porcine                                                                                                                                                                                                                                                                                                                                      |
| 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                                                                                                                                                                                                                                                                                      |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                              |



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**Products Related to NB500-405H**

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|             |                                        |
|-------------|----------------------------------------|
| NBP1-97077  | Mouse IgG3 Isotype Control (MG3) [HRP] |
| 210-TA-005  | TNF-alpha [Unconjugated]               |
| NB120-6405  | MHC Class I Antibody (OX18) - BSA Free |
| 7268-CT-100 | CTLA-4 [Unconjugated]                  |

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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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