

# Product Datasheet

## HLA DQ/DR/DP Antibody (rHLA-Pan/3475) [DyLight 650] NBP3-08644C

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08644C**

HLA DQ/DR/DP Antibody (rHLA-Pan/3475) [DyLight 650]

| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 100 ul  |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.   |
| Storage                     | Store at 4C in the dark.  |
| Clonality                   | Monoclonal  |
| Clone                       | rHLA-Pan/3475   |
| Preservative                | 0.05% Sodium Azide  |
| Isotype                     | IgG1 Kappa  |
| Conjugate                   | DyLight 650   |
| Purity                      | Protein A or G purified   |
| Buffer                      | 50mM Sodium Borate  |
| Product Description         |   |
| Host                        | Mouse   |
| Gene ID                     | 3117  |
| Gene Symbol                 | HLA-DQA1  |
| Species                     | Human   |
| Specificity/Sensitivity     | Reacts with a common epitope of human major histocompatibility (MHC) class II antigens, HLA-DP, -DQ and -DR. Human MHC class II antigens are transmembrane glycoproteins composed of an alpha chain (36kDa) and a beta chain (27kDa). They are expressed primarily on antigen presenting cells such as B lymphocytes, monocytes, macrophages, and thymic epithelial cells and are also present on activated T lymphocytes. Human MHC class II genes are located in the HLA-D region that encodes at least six alpha and ten beta chain genes. Three loci, DR, DQ and DP, encode the major expressed products of the human class II region. The human MHC class II molecules bind intracellularly processed peptides and present them to T-helper cells. They, therefore, have a critical role in the initiation of the immune response. |
| Immunogen                   | Non-T, non-B human acute lymphoblastic leukemia REH6 cells  |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.   |
| Product Application Details |   |
| Applications                | Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin  |
| Recommended Dilutions       | Western Blot, Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin  |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.  |





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### **Products Related to NBP3-08644C**

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|                |   |
|----------------|---|
| NBP1-43319C    | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 650] |
| 210-TA-005     | TNF-alpha [Unconjugated]                                    |
| D6050          | IL-6 [HRP]  |
| 6507-IL-010/CF | IL-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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