## **Product Datasheet**

### HLA DPB1 Antibody (HLA-DPB1/2862R) [Alexa Fluor® 750] NBP3-08719AF750

Unit Size: 100 ul

Store at 4C in the dark.

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Updated 10/26/2023 v.20.1

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#### NBP3-08719AF750

HLA DPB1 Antibody (HLA-DPB1/2862R) [Alexa Fluor® 750]

| HLA DPB1 Antibody (HLA-DPB1/2862R) [Alexa Fluor® 750] |   |  |
|---|---|--|
| 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   | HLA-DPB1/2862R  |  |
| Preservative  | 0.05% Sodium Azide  |  |
| Isotype   | IgG   |  |
| Conjugate   | Alexa Fluor 750   |  |
| Purity  | Protein A or G purified   |  |
| Buffer  | 50mM Sodium Borate  |  |
| Product Description                                   |   |  |
| Host  | Rabbit  |  |
| Gene ID   | 3115  |  |
| Gene Symbol   | HLA-DPB1  |  |
| Species   | Human   |  |
| Specificity/Sensitivity                               | Recognizes a non-polymorphic determinant of DP-MHC class II. MHC class II antigens are transmembrane glycoproteins of non-covalently linked alpha (33-35kDa) and beta (27-30kDa) chains. It reportedly reacts with B- non-T, non-B cell lines but not with T- and myeloid cell lines and leukemias. Differential expression of MHC class II antigens on fetal and adult lymphocytes, malignant B cells appears to reflect the stage of cell differentiation which may be useful in the study of lymphoproliferative disorders.  |  |
| Immunogen   | Non-T, non-B human acute lymphoblastic leukemia REH6 cell line  |  |
| Notes   | Alexa Fluor (R) products are provided under an intellectual property license from<br>Life Technologies Corporation. The purchase of this product conveys to the<br>buyer the non-transferable right to use the purchased product and components<br>of the product only in research conducted by the buyer (whether the buyer is an<br>academic or for-profit entity). The sale of this product is expressly conditioned on<br>the buyer not using the product or its components, or any materials made using<br>the product or its components, in any activity to generate revenue, which may<br>include, but is not limited to use of the product or its components: (i) in<br>manufacturing; (ii) to provide a service, information, or data in return for<br>payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for<br>resale, regardless of whether they are resold for use in research. For information<br>on purchasing a license to this product for purposes other than as described<br>above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad,<br>CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on<br>demand. Actual recovery may vary from the stated volume of this product. The<br>volume will be greater than or equal to the unit size stated on the datasheet. |  |

**Product Application Details** 



#### Page 2 of 3 v.20.1 Updated 10/26/2023

| Applications                 | ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence          |
|------------------------------|--|
| <b>Recommended Dilutions</b> | Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence          |
| Application Notes            | Optimal dilution of this antibody should be experimentally determined. |

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#### Products Related to NBP3-08719AF750

| 2-24891AF750    | Rabbit IgG Isotype Control [Alexa Fluor® 750]   |
|-----------------|---|
| 003115-P02-10ug | Recombinant Human HLA DPB1 GST (N-Term) Protein |
| TA-005          | TNF-alpha [Unconjugated]                        |
| 003115-P01-10ug | Recombinant Human HLA DPB1 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.

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