

# Product Datasheet

**HLA DRA Antibody (19-26.1 (same as MB-26.1))**

**[CoraFluor™ 1]**

**NBP3-11518CL1**

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NBP3-11518CL1**

HLA DRA Antibody (19-26.1 (same as MB-26.1)) [CoraFluor™ 1]

| 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. Do not freeze.   |
| Clonality           | Monoclonal  |
| Clone               | 19-26.1 (same as MB-26.1)   |
| Preservative        | No Preservative   |
| Isotype             | IgG2a Kappa   |
| Conjugate           | CoraFluor 1   |
| Purity              | Protein A or G purified   |
| Buffer              | PBS   |

| Product Description     |   |
|-------------------------|---|
| Host                    | Mouse   |
| Gene ID                 | 3122  |
| Gene Symbol             | HLA-DRA   |
| Species                 | Human   |
| Specificity/Sensitivity | This monoclonal antibody reacts with the HLA-DR antigen, a member of MHC class II molecules. It does not cross react with HLA-DP and HLA-DQ. HLA-DR is a heterodimeric cell surface glycoprotein comprised of a 36kDa alpha (heavy) chain and a 28kDa beta (light) chain. It is expressed on B-cells, activated T-cells, monocytes/macrophages, dendritic cells and other non-professional APCs. In conjunction with the CD3/TCR complex and CD4 molecules, HLA-DR is critical for efficient peptide presentation to CD4+ T cells. It is an excellent histiocytic marker in paraffin sections producing intense cytoplasmic staining. True histiocytic neoplasms are similarly positive. HLA-DR antigens also occur on a variety of epithelial cells and their corresponding neoplastic counterparts. |
| Immunogen               | Raji cells  |
| Notes                   | CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254   |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunofluorescence |
| Recommended Dilutions       | Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.   |





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### **Products Related to NBP3-11518CL1**

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|                  |                                       |
|------------------|---------------------------------------|
| NBP2-51601-0.1mg | Recombinant Human HLA DRA His Protein |
| 210-TA-005       | TNF-alpha [Unconjugated]              |
| NBL1-11590       | HLA DRA Overexpression Lysate         |
| 285-IF-100       | IFN-gamma [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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