

# Product Datasheet

## HLA DRB1 Antibody (rHLA-DRB/7198) [CoraFluor™ 1] NBP3-20840CL1

Unit Size: 0.1 ml

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

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**NBP3-20840CL1**

HLA DRB1 Antibody (rHLA-DRB/7198) [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               | rHLA-DRB/7198   |
| Preservative        | No Preservative   |
| Isotype             | IgG1 Kappa  |
| Conjugate           | CoraFluor 1   |
| Purity              | Protein A or G purified   |
| Buffer              | PBS   |

| Product Description     |  |
|-------------------------|--|
| Description             | <p>CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(TM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.</p> <p><a href="#">CoraFluor(TM) 1, amine reactive</a></p> <p><a href="#">CoraFluor(TM) 1, thiol reactive</a></p> <p>For more information, please see our <a href="#">CoraFluor(TM) TR-FRET technology flyer</a>.</p> |
| Host                    | Mouse  |
| Gene ID                 | 3123   |
| Gene Symbol             | HLA-DRB1   |
| Species                 | Human  |
| Specificity/Sensitivity | This monoclonal antibody reacts with a 28kDa chain of HLA DRB1 antigen, a member of MHC class II molecules. It does not cross react with HLA-DP and HLA-DQ. The L243 antibody recognizes a different epitope than the LN3 monoclonal antibody, and these antibodies do not cross-block binding to each others respective epitopes.   |
| Immunogen               | Recombinant full-length human HLA DRB1 protein   |
| 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                | Immunohistochemistry-Paraffin  |
| Recommended Dilutions       | Immunohistochemistry-Paraffin  |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |





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### **Products Related to NBP3-20840CL1**

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|                  |   |
|------------------|---|
| NBP2-51599-0.1mg | Recombinant Human HLA DRB1 His Protein  |
| 210-TA-005       | TNF-alpha [Unconjugated]                |
| NBP3-39780       | Human HLA DRB1 ELISA Kit (Colorimetric) |
| 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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