

# Product Datasheet

## HLA DRB1 Antibody (HLA-DRB/7795R) NBP3-20479-100ug

Unit Size: 100 ug

Store at 4C. Do not freeze.

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**NBP3-20479-100ug**

HLA-DRB1 Antibody (HLA-DRB/7795R)

| Product Information |                             |
|---------------------|-----------------------------|
| Unit Size           | 100 ug                      |
| Concentration       | 0.2 mg/ml                   |
| Storage             | Store at 4C. Do not freeze. |
| Clonality           | Monoclonal                  |
| Clone               | HLA-DRB/7795R               |
| Preservative        | 0.05% Sodium Azide          |
| Isotype             | IgG Kappa                   |
| Purity              | Protein A or G purified     |
| Buffer              | 10mM PBS with 0.05% BSA     |

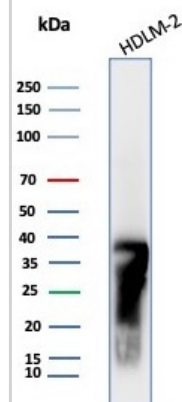
| Product Description     |  |
|-------------------------|--|
| Description             | Positive Controls: Human lymphoid tissue.<br><br>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. Non-hazardous. No MSDS required.   |
| Host                    | Rabbit   |
| 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   |

| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, Immunohistochemistry-Paraffin   |
| Recommended Dilutions       | Western Blot 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml   |
| Application Notes           | Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes. at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.<br><br>Optimal dilution for a specific application should be determined. |

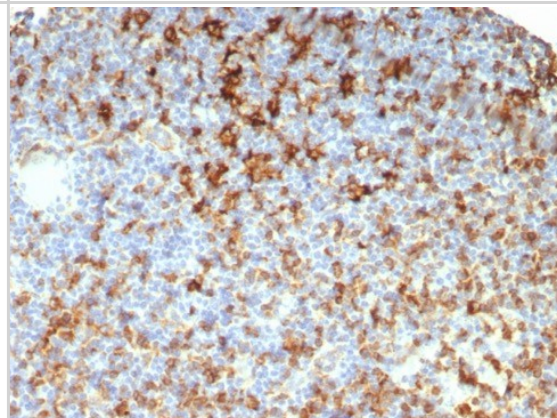


## Images

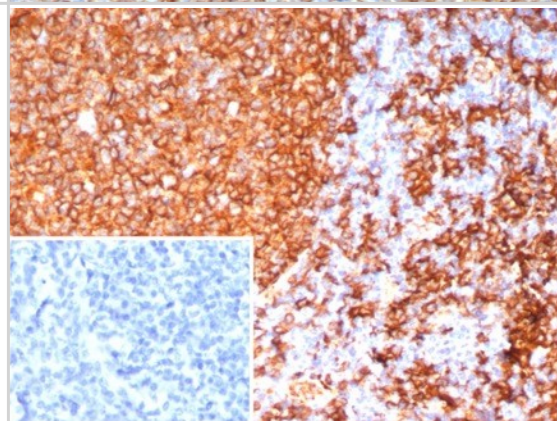
Western blot analysis of HDLM-2 cell lysate using HLA DRB1 antibody (HLA-DRB/7795R).



Formalin-fixed, paraffin-embedded human lymph node stained with HLA DRB1 antibody (HLA-DRB/7795R). HIER: Tris/EDTA, pH9.0, 45min. Secondary: HRP-polymer, 30min. DAB, 5min.



Formalin-fixed, paraffin-embedded human tonsil stained with HLA DRB1 antibody (HLA-DRB/7795R). Inset: PBS instead of primary antibody; secondary only negative control.





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### **Products Related to NBP3-20479-100ug**

|                  |   |
|------------------|---|
| HAF008           | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160           | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-51599-0.1mg | Recombinant Human, HLA DRB1 His Protein             |
| 210-TA-005       | TNF-alpha [Unconjugated]                            |

### **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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