

Product Datasheet

HLA DRB1 Antibody (HLA-DRB/1067) - IHC-Prediluted NBP2-48135

Unit Size: 7 ml

Store at 4C.

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NBP2-48135**HLA-DRB1 Antibody (HLA-DRB/1067) - IHC-Prediluted**

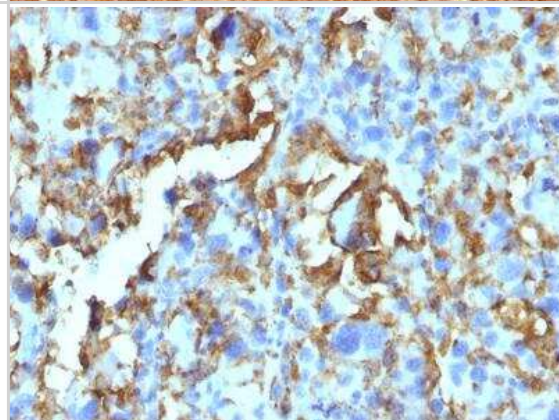
| Product Information | |
|------------------------------------|---|
| Unit Size | 7 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C. |
| Clonality | Monoclonal |
| Clone | HLA-DRB/1067 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG2b Kappa |
| Purity | Protein A or G purified |
| Buffer | 10 mM PBS with 0.05% BSA |
| Product Description | |
| Description | The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining. |
| Host | Mouse |
| Gene ID | 3123 |
| Gene Symbol | HLA-DRB1 |
| Species | Human, Monkey |
| Specificity/Sensitivity | This monoclonal antibody reacts with the beta-chain of HLA-DRB1 antigen, a member of MHC class II molecules. It does not cross react with HLA-DP and HLA-DQ. Its epitope is different from that of monoclonal antibody L243. 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. Loss of HLA-DR expression is related to tumor microenvironment and predicts adverse outcome in diffuse large B-cell lymphoma. |
| Immunogen | Activated human peripheral blood mononuclear cells |
| Product Application Details | |
| Applications | Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Immunohistochemistry, Immunohistochemistry-Paraffin |
| Application Notes | Immunohistochemistry (Formalin-fixed): 0.25-0.5ug/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. Optimal dilution for a specific application should be determined. |

Images

Immunohistochemistry-Paraffin: HLA DRB1 Antibody (HLA-DRB/1067) - IHC-Prediluted [NBP2-48135] - Formalin-fixed, paraffin-embedded human Tonsil stained with HLA-DR Monoclonal Antibody (HLA-DRB/1067).



Immunohistochemistry-Paraffin: HLA DRB1 Antibody (HLA-DRB/1067) - IHC-Prediluted [NBP2-48135] - Formalin-fixed, paraffin-embedded human Histiocytoma stained with HLA-DR Monoclonal Antibody (HLA-DRB/1067).





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Products Related to NBP2-48135

| | |
|------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43317-0.5mg | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) |
| NBP2-51599-0.1mg | Recombinant Human, HLA DRB1 His 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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