Product Datasheet

HLA-DR Antibody (LN-3) [PE/Cy7] NBP2-47670PECY7

Unit Size: 0.1 ml

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

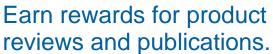
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Updated 10/23/2024 v.20.1







NBP2-47670PECY7

HLA-DR Antibody (LN-3) [PE/Cy7]

0.1 ml	
Please see the vial label for concentration. If unlisted please contact technical services.	
Store at 4C in the dark. Do not freeze.	
Monoclonal	
LN-3	
0.05% Sodium Azide	
IgG2b Kappa	
PE/Cy7	
Protein A or G purified	
PBS	
Mouse	
3122	
HLA-DRA	
Human, Monkey, Mouse (Negative)	
Does not react with Mouse.	
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. 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 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.	
Activated human peripheral blood mononuclear cells	
Product Application Details	
Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence	
Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready	



Application Notes	Optimal dilution of this antibody should be experimentally determined. For optimal results using our Tandem dyes, please avoid prolonged exposure to light or extreme temperature fluctuations. These can lead to irreversible degradation or decoupling. When staining intracellular targets, specific attention to the fixation and permeabilization steps in your flow protocol may be required. Please contact our technical support team at technical@novusbio.com if you have any questions.
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Products Related to NBP2-47670PECY7

NBP1-43317PECY7Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [PE/Cy7]210-TA-005TNF-alpha [Unconjugated]M6000B-1IL-6 [HRP]285-IF-100IFN-gamma [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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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