

# Product Datasheet

## HLA DQ/DR/DP Antibody (HLA-Pan/6663) NBP3-13905-100ug

Unit Size: 100 ug

Store at 4C.

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Updated 7/16/2024 v.20.1

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**NBP3-13905-100ug**

HLA DQ/DR/DP Antibody (HLA-Pan/6663)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	HLA-Pan/6663
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA

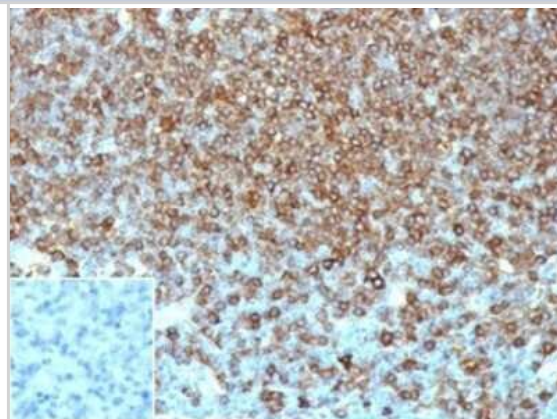
Product Description	
Description	<p>200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA &amp; 0.05% azide. Also available WITHOUT BSA &amp; azide at 1.0 mg/ml. (NBP3-14091)</p> <p>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C. Non-hazardous.</p> <p>Theoretical molecular weight: 33-35kDa</p>
Host	Mouse
Gene ID	3117
Gene Symbol	HLA-DQA1
Species	Human
Specificity/Sensitivity	<p>Reacts with a common epitope of human major histocompatibility (MHC) class II antigens, HLA-DP, -DQ and -DR. Human MHC class II antigens are transmembrane glycoproteins composed of an alpha chain (36kDa) and a beta chain (27kDa). They are expressed primarily on antigen presenting cells such as B lymphocytes, monocytes, macrophages, and thymic epithelial cells and are also present on activated T lymphocytes. Human MHC class II genes are located in the HLA-D region that encodes at least six alpha and ten beta chain genes. Three loci, DR, DQ and DP, encode the major expressed products of the human class II region. The human MHC class II molecules bind intracellularly processed peptides and present them to T-helper cells. They, therefore, have a critical role in the initiation of the immune response.</p>
Immunogen	Priess human B cell line

Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry 1-2 ug/million cells, 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

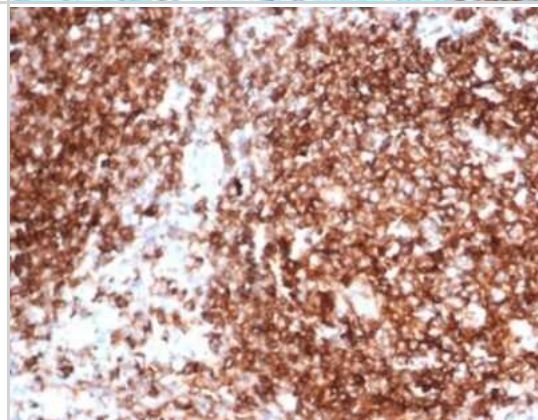


## Images

Immunohistochemistry-Paraffin: HLA DQ/DR/DP Antibody (HLA-Pan/6663) [NBP3-13905] - Formalin-fixed, paraffin-embedded human lymph node stained with HLA DQ/DR/DP antibody (HLA-Pan/6663).  
Inset: PBS instead of primary, secondary negative control.



Immunohistochemistry-Paraffin: HLA DQ/DR/DP Antibody (HLA-Pan/6663) [NBP3-13905] - Formalin-fixed, paraffin-embedded human tonsil stained with HLA DQ/DR/DP antibody (HLA-Pan/6663).





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### **Products Related to NBP3-13905-100ug**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
210-TA-005	TNF-alpha [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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