

# Product Datasheet

## **HLA DQ/DR/DP Antibody (HLA-Pan/6663) [Alexa Fluor® 647] NBP3-14091AF647**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-14091AF647**

HLA DQ/DR/DP Antibody (HLA-Pan/6663) [Alexa Fluor® 647]

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.
Clonality	Monoclonal
Clone	HLA-Pan/6663
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor 647
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	3117
Gene Symbol	HLA-DQA1
Species	Human
Specificity/Sensitivity	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.
Immunogen	Priess human B cell line



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<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Flow Cytometry, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to NBP3-14091AF647**

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IC002R	Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 647]
210-TA-005	TNF-alpha [Unconjugated]
D6050	IL-6 [HRP]
6507-IL-010/CF	IL-4 [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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