

# Product Datasheet

## HLA DQ1/DQ3 Antibody (HL-37) - BSA Free NB500-405

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NB500-405**

HLA DQ1/DQ3 Antibody (HL-37) - BSA Free

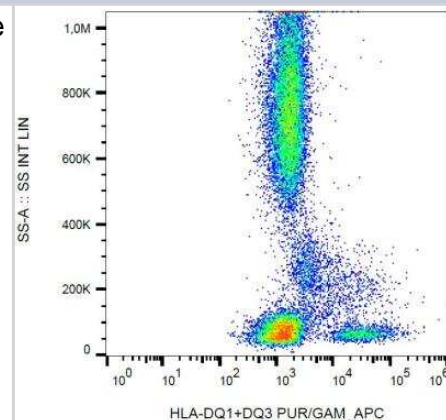
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	HL-37
Preservative	15mM Sodium Azide
Isotype	IgG3
Purity	Protein A purified
Buffer	Phosphate buffered saline (PBS), pH 7.4

Product Description	
Host	Mouse
Gene ID	3119
Gene Symbol	HLA-DQA1
Species	Human, Porcine
Specificity/Sensitivity	The antibody HL-37 reacts with polymorphic determinant on human HLA-DQ1 and HLA-DQ3 molecules (recognized epitope was found on isolated beta chain of DQ1), but does not react with HLA-DQ2. DQ is the isotype of human MHC Class II molecules expressed on antigen-presenting cells (APC; dendritic cells, B lymphocytes, monocytes, macrophages).
Immunogen	Burkitt's lymphoma cell line Raji

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1-4 ug/ml, Immunoprecipitation 1:50, CyTOF-ready
Application Notes	Western Blot: use non-reducing conditions. This antibody is CyTOF ready.

**Images**

Flow Cytometry: HLA DQ1/DQ3 Antibody (HL-37) [NB500-405] - Surface staining of human peripheral blood cells with anti-HLA-DQ1+DQ3 (HL-37) purified, GAM-APC





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### **Products Related to NB500-405**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96777	Mouse IgG3 Isotype Control (MG3)
NB500-405UV	HLA DQ1/DQ3 Antibody (HL-37) [DyLight 350]

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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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