

# Product Datasheet

## HLA DQ1/DQ3 Antibody (HL-37) [Alexa Fluor® 405] NB500-405AF405

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB500-405AF405**

HLA DQ1/DQ3 Antibody (HL-37) [Alexa Fluor® 405]

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	HL-37
Preservative	0.05% Sodium Azide
Isotype	IgG3
Conjugate	Alexa Fluor 405
Purity	Protein A purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	3119
Gene Symbol	HLA-DQA1
Species	Human, Porcine
Reactivity Notes	Cross-reacts with Human.
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
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a> . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunoprecipitation, CyTOF-ready



**Recommended Dilutions**

Western Blot, Flow Cytometry, Immunoprecipitation, CyTOF-ready





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### **Products Related to NB500-405AF405**

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NB500-405AF488	HLA DQ1/DQ3 Antibody (HL-37) [Alexa Fluor® 488]
210-TA-005	TNF-alpha [Unconjugated]
NB120-6405	MHC Class I Antibody (OX18) - BSA Free
NB100-64775	HLA ABC Antibody (W6/32) - Azide and BSA Free

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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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