

# Product Datasheet

## HLA DR/DP Antibody (HL-38) - BSA Free NB500-406

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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### Publications: 1

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**NB500-406**

HLA DR/DP Antibody (HL-38) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	HL-38
Preservative	15mM Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	Phosphate buffered saline (PBS), pH 7.4

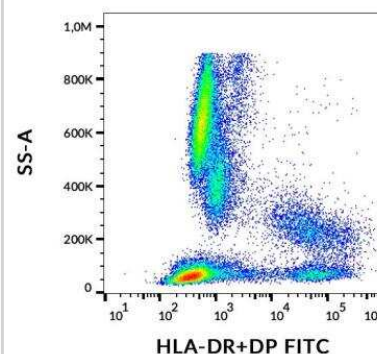
Product Description	
Description	Novus Biologicals Mouse HLA DR/DP Antibody (HL-38) - BSA Free (NB500-406) is a monoclonal antibody validated for use in IHC, WB, Flow and IP. Anti-HLA DR/DP Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3122
Gene Symbol	HLA-DRA
Species	Human, Porcine
Specificity/Sensitivity	The antibody HL-38 recognizes common epitope on beta-chain of human HLA-DR and HLA-DP. DR and DP are the isotypes of human MHC Class II molecules expressed on antigen-presenting cells (APC; dendritic cells, B lymphocytes, monocytes, macrophages).
Immunogen	Raji Burkitt's lymphoma cell line

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1-4 ug/ml, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:50, Immunohistochemistry-Paraffin 1:10-1:500, CyTOF-ready
Application Notes	Western Blot: use non-reducing conditions. This antibody is CyTOF ready.

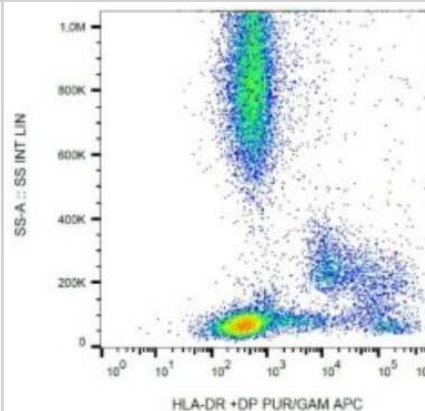


## Images

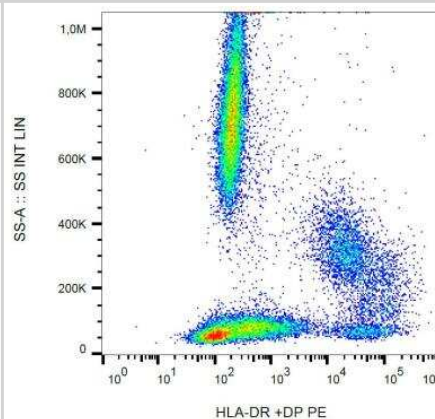
Flow Cytometry: HLA DR/DP Antibody (HL-38) [NB500-406] - Staining of human peripheral blood with anti-HLA-DR+DP (HL-38) FITC.



Flow Cytometry: HLA DR/DP Antibody (HL-38) [NB500-406] - Surface staining of human peripheral blood with anti-HLA-DR+DP (HL-38) purified, GAM-APC.



Flow Cytometry: HLA DR/DP Antibody (HL-38) [NB500-406] - Staining of human peripheral blood with anti-HLA-DR+DP (HL-38) PE.



## Publications

Schimunek L, Serve R, Teuben MPJ et al. Early decreased TLR2 expression on monocytes is associated with their reduced phagocytic activity and impaired maturation in a porcine polytrauma model PLoS ONE. 2017-11-10 [PMID: 29125848] (FLOW, Porcine)



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### **Products Related to NB500-406**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NB500-406UV	HLA DR/DP Antibody (HL-38) [DyLight 350]

### **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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