

Product Datasheet

HLA DQ/DR/DP Antibody (WR18) - BSA Free NB100-64358

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 5

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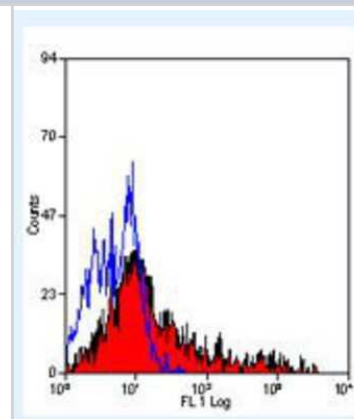
NB100-64358

HLA DQ/DR/DP Antibody (WR18) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	WR18
Preservative	0.09% Sodium Azide
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse HLA DQ/DR/DP Antibody (WR18) - BSA Free (NB100-64358) is a monoclonal antibody validated for use in IHC, Flow, ICC/IF and IP. Anti-HLA DQ/DR/DP Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3117
Gene Symbol	HLA-DQA1
Species	Human
Specificity/Sensitivity	Recognizes HLA Class II beta chains of human major histocompatibility antigen, Mw 28 kD. It reacts with a monomorphic determinant common to each beta chain type. The antigen is expressed by human B lymphocytes, monocytes and activated T lymphocytes.
Immunogen	Human HLA Class II (DP, DQ, DR)
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Flow Cytometry, Functional, Immunohistochemistry
Recommended Dilutions	Flow Cytometry 1:50-1:200, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Functional
Application Notes	This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH6.0 is recommended for this purpose. This product contains sodium azide, removal by dialysis is recommended prior to use in functional assays. Use in ICC/IF reported in scientific publication PMID: 32451495.

Images

Flow Cytometry: HLA DQ/DR/DP Antibody (WR18) [NB100-64358] - Staining of human peripheral blood lymphocytes.



Publications

O'Connell BC, Hubbard C, Zizlsperger N et al. Eganelisib combined with immune checkpoint inhibitor therapy and chemotherapy in frontline metastatic triple-negative breast cancer triggers macrophage reprogramming, immune activation and extracellular matrix reorganization in the tumor microenvironment *J Immunother Cancer* 2024-01-01 [PMID: 39214650]

Hartman K, Steiner G, Siegel M et al. Expanding the MAPPs Assay to Accommodate MHC-II Pan Receptors for Improved Predictability of Potential T Cell Epitopes *Biology (Basel)* 2023-09-21 [PMID: 37759665] (Immunoprecipitation)

Kendall, TJ;Jimenez-Ramos, M;Turner, F;Ramachandran, P;Minnier, J;McColgan, MD;Alam, M;Ellis, H;Dunbar, DR;Kohnen, G;Konanahalli, P;Oien, KA;Bandiera, L;Menolascina, F;Juncker-Jensen, A;Alexander, D;Mayor, C;Guha, IN;Fallowfield, JA; An integrated gene-to-outcome multimodal database for metabolic dysfunction-associated steatotic liver disease *Nature medicine* 2023-10-30 [PMID: 37903863]

Liu Y, Yang J, Hilliard TS et al. Host obesity alters the ovarian tumor immune microenvironment and impacts response to standard of care chemotherapy *Journal of experimental & clinical cancer research : CR* 2023-07-12 [PMID: 37438818] (Immunohistochemistry-Paraffin, Human)

Bockorny B, Semenisty V, Macarulla T et al. BL-8040, a CXCR4 antagonist, in combination with pembrolizumab and chemotherapy for pancreatic cancer: the COMBAT trial *Nat. Med.* 2020-05-25 [PMID: 32451495] (ICC/IF, Human)



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Products Related to NB100-64358

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
210-TA-005	TNF-alpha [Unconjugated]

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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