

Product Datasheet

HLA ABC Antibody (W6/32) - Azide and BSA Free NB100-64775

Unit Size: 0.25 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-64775

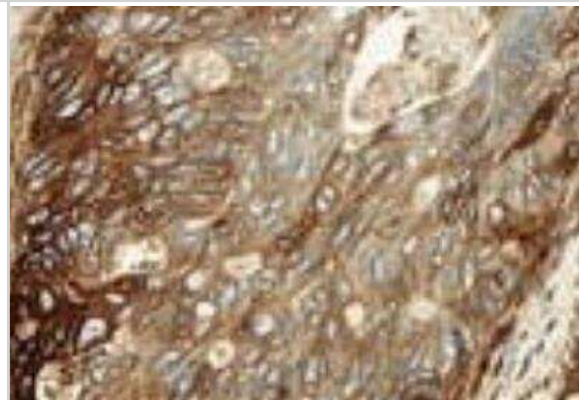
HLA ABC Antibody (W6/32) - Azide and BSA Free

Product Information	
Unit Size	0.25 mg
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	W6/32
Preservative	No Preservative
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse HLA ABC Antibody (W6/32) - Azide and BSA Free (NB100-64775) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and IP. Anti-HLA ABC Antibody: Cited in 31 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3105
Gene Symbol	HLA-A
Species	Human
Reactivity Notes	Predicted cross-reactivities: Cynomolgus monkey, Chimpanzee, Baboon, Bovine, Macaque, Gorilla, Shrew, Rhesus Monkey
Specificity/Sensitivity	NB100-64775 recognizes an antigenic determinant shared among products of the HLA A, B and C loci. Clone W6/32 recognizes a conformational epitope, reacting with HLA class I alpha3 and alpha2 domains (6). MHC class I glycoproteins are found on the surface of almost all nucleated somatic cells. This product is routinely tested in flow cytometry on human peripheral blood lymphocytes.
Immunogen	Purified human tonsil lymphocyte membranes
Product Application Details	
Applications	ELISA, Flow Cytometry, Functional, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, CyTOF-ready, Immunohistochemistry-Paraffin (Negative)
Recommended Dilutions	Flow Cytometry 1:50-1:100, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, Functional, Immunohistochemistry-Paraffin (Negative), CyTOF-ready
Application Notes	Antibody does not work in Immunohistochemistry-Paraffin.

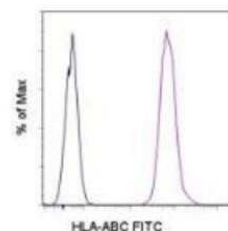


Images

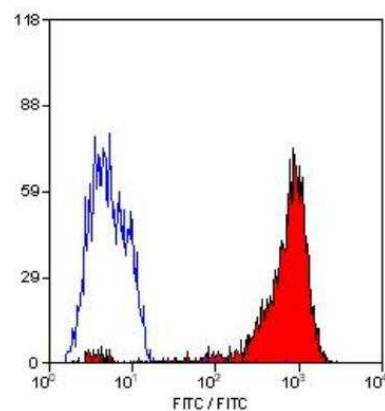
Immunohistochemistry-Frozen: HLA ABC Antibody (W6/32) [NB100-64775] - Analysis of Mouse colon cancer tissue using HLA ABC antibody (W6/32). Primary antibody dilution was 1:100. Sample was incubated with secondary antibody in 1:300 dilution. Image from verified customer review.



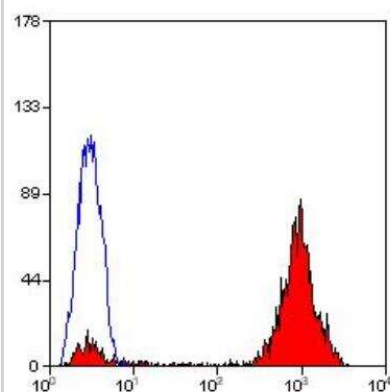
Flow Cytometry: HLA ABC Antibody (W6/32) [NB100-64775] - Analysis using the FITC conjugate of NB100-64775. Staining of normal human peripheral blood cells with Mouse IgG2a K Isotype Control FITC (NBP1-43955) (blue histogram) or Anti-Human HLA-ABC FITC (purple histogram). Cells in the lymphocyte gate were used for analysis.



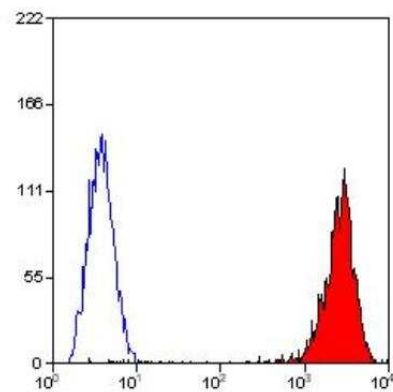
Flow Cytometry: HLA ABC Antibody (W6/32) [NB100-64775] - Staining of human peripheral blood lymphocytes with Mouse anti Human HLA ABC.



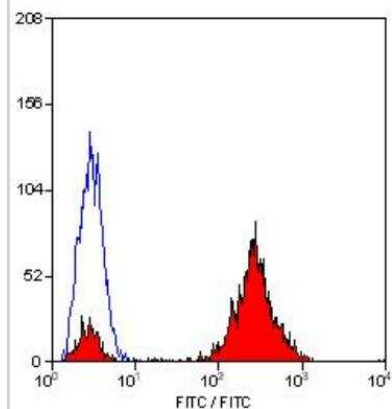
Flow Cytometry: HLA ABC Antibody (W6/32) [NB100-64775] - Staining of human peripheral blood lymphocytes with Mouse anti Human HLA ABC:Alexa Fluor 488.



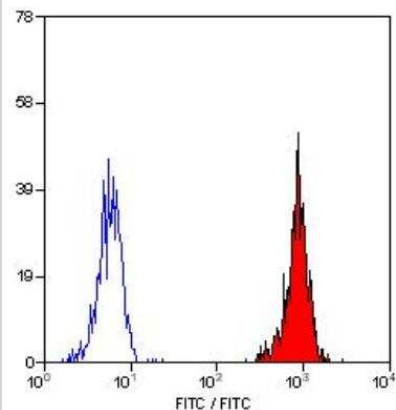
Flow Cytometry: HLA ABC Antibody (W6/32) [NB100-64775] - Staining of human peripheral blood lymphocytes with Mouse anti Human HLA ABC:Alexa Fluor 647.



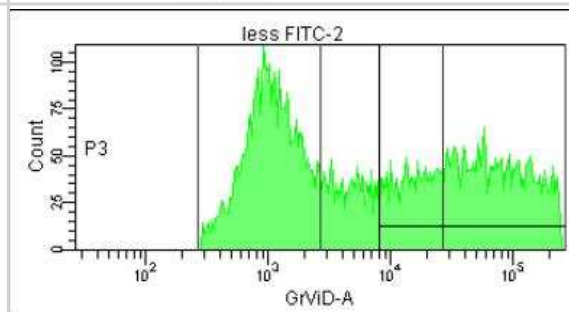
Flow Cytometry: HLA ABC Antibody (W6/32) [NB100-64775] - Staining of human peripheral blood lymphocytes with Mouse anti Human HLA ABC:FITC.



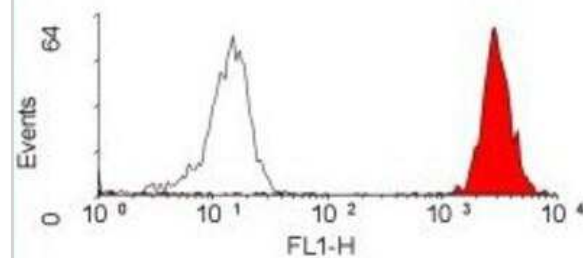
Flow Cytometry: HLA ABC Antibody (W6/32) [NB100-64775] - Staining of human peripheral blood monocytes with Mouse anti Human HLA ABC:Biotin.



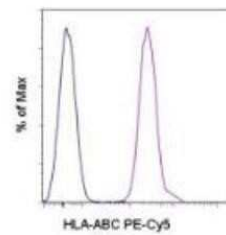
Flow Cytometry: HLA ABC Antibody (W6/32) [NB100-64775] - Human lymphoblast. Image provided via verified customer review.



Flow Cytometry: HLA ABC Antibody (W6/32) [NB100-64775] - Staining of peripheral blood lymphocytes with anti-HLA-ABC: Low Endotoxin.



Flow Cytometry: HLA ABC Antibody (W6/32) [NB100-64775] - Analysis using the PE/Cy5 conjugate of NB100-64775. Staining of normal human peripheral blood cells with Mouse IgG2a K Isotype Control PE-Cy5 (NBP1-43073) (blue histogram) or Anti-Human HLA-ABC PE-Cy5 (purple histogram). Cells in the lymphocyte gate were



Publications

JGM Strijker, R Pscheid, E Drent, JJF van der Ho, B Koopmans, K Ober, SR van Hooff, WM Kholosy, AM Cornel, C Coomans, A Bisso, MM van Loenen, JJ Molenaar, J Wienke alphabeta-T Cells Engineered to Express gammadelta-T Cell Receptors Can Kill Neuroblastoma Organoids Independent of MHC-I Expression *Journal of personalized medicine*, 2021-09-17;11(9):. 2021-09-17 [PMID: 34575700]

Phulphagar KM, Ctortecka C, Jacome ASV et al. Sensitive, High-Throughput HLA-I and HLA-II Immunopeptidomics Using Parallel Accumulation-Serial Fragmentation Mass Spectrometry *Molecular & Cellular Proteomics* 2023-06-01 [PMID: 37142057]

Jongsma MLM, de Waard AA, Raaben M, Zhang T et Al. The SPPL3-Defined Glycosphingolipid Repertoire Orchestrates HLA Class I-Mediated Immune Responses *Immunity* 2020-12-03 [PMID: 33271119]

Mourier B, Labadie P, Desmet M et al. Combined spatial and retrospective analysis of fluoroalkyl chemicals in fluvial sediments reveal changes in levels and patterns over the last 40 years. *Environmental pollution (Barking, Essex : 1987)* 2019-11-08 [PMID: 31434189]

Nevens D, Duprez F, Daisne JF et al. Reduction of the dose of radiotherapy to the elective neck in head and neck squamous cell carcinoma; a randomized clinical trial. Effect on late toxicity and tumor control. *Radiotherapy and oncology : journal of the European Society for Therapeutic Radiology and Oncology* 2017-09-28 [PMID: 27528118]

Yanagisawa M, Nagamatsu T, Kurano M et al. Upregulation of autotaxin by oxidative stress via Nrf2 activation: a novel insight into the compensation mechanism in preeclamptic placenta *Journal of Reproductive Immunology* 2023-09-01 [PMID: 37837670]

Phulphagar KM, Ctortecka C, Vaca Jacome AS et al. Sensitive, high-throughput HLA-I and HLA-II immunopeptidomics using parallel accumulation-serial fragmentation mass spectrometry *bioRxiv : the preprint server for biology* 2023-03-18 [PMID: 36993564] (IP, Human)

Mimura N, Nagamatsu T, Morita K et al. Suppression of human trophoblast syncytialization by human cytomegalovirus infection *Placenta* 2021-12-11 [PMID: 34933151] (MCS, Human)

Javeed N, Her TK, Brown MR Et al. Pro-inflammatory beta cell small extracellular vesicles induce beta cell failure through activation of the CXCL10/CXCR3 axis in diabetes *Cell reports* 2021-08-24 [PMID: 34433033] (IHC-P, Mouse)

Darwish M, Wichner S, Li J et al. High-throughput identification of conditional MHC-I ligands and scaled-up production of conditional MHC-I complexes *Protein science : a publication of the Protein Society* 2021-04-11 [PMID: 33840137]

Wang Y, Huang J et al. The Plasticity of Mesenchymal Stem Cells in Regulating Surface HLA-I. *iScience* 2019-05-31 [PMID: 31030183] (WB, Human)

Parasar P, Wilhelm A, Davis WC et al. A non-recoverable hybridoma limits the production of monoclonal antibodies against bovine trophoblast non-classical NC3*00101 protein *Indian Journal of Experimental Biology (ELISA, Mouse)*

More publications at <http://www.novusbio.com/NB100-64775>





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Products Related to NB100-64775

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)
NB100-64775UV	HLA ABC Antibody (W6/32) [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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