

Product Datasheet

HLA ABC Antibody (W6/32) - Azide and BSA Free NB100-64775-0.05mg

Unit Size: 0.05 mg

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

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NB100-64775-0.05mg

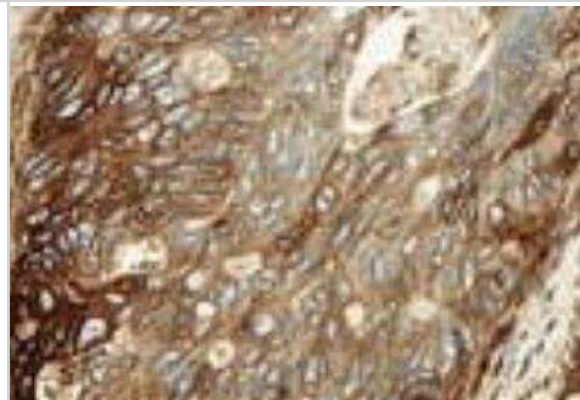
HLA ABC Antibody (W6/32) - Azide and BSA Free

| Product Information | |
|-----------------------------|---|
| Unit Size | 0.05 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 | |
| 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. |

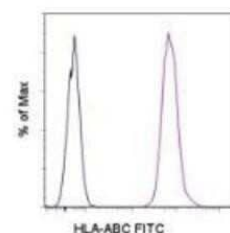


Images

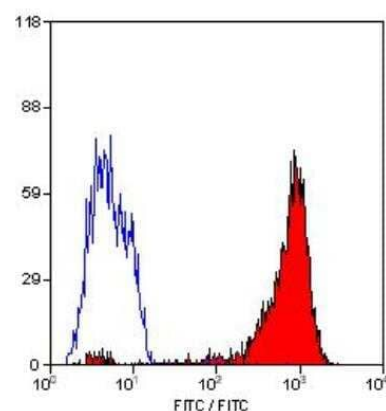
Immunohistochemistry-Frozen: HLA ABC Antibody (W6/32) [NB100-64775] - Analysis of Mouse colon cancer tissue using HLA ABC antibody (W6/32). Primary antibody dilution was 1:100. Sample was incubated with secondary antibody in 1:300 dilution. Image from verified customer review.



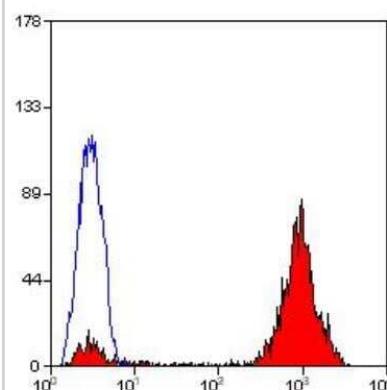
Flow Cytometry: HLA ABC Antibody (W6/32) [NB100-64775] - Analysis using the FITC conjugate of NB100-64775. Staining of normal human peripheral blood cells with Mouse IgG2a K Isotype Control FITC (NBP1-43955) (blue histogram) or Anti-Human HLA-ABC FITC (purple histogram). Cells in the lymphocyte gate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



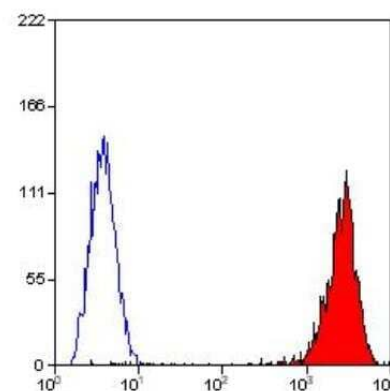
Flow Cytometry: HLA ABC Antibody (W6/32) [NB100-64775] - Staining of human peripheral blood lymphocytes with Mouse anti Human HLA ABC.



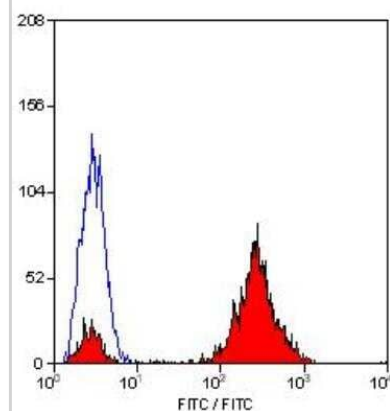
Flow Cytometry: HLA ABC Antibody (W6/32) [NB100-64775] - Staining of human peripheral blood lymphocytes with Mouse anti Human HLA ABC:Alexa Fluor 488.



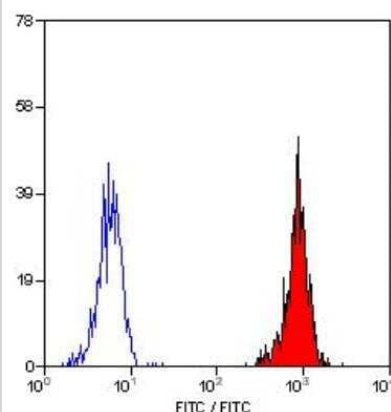
Flow Cytometry: HLA ABC Antibody (W6/32) [NB100-64775] - Staining of human peripheral blood lymphocytes with Mouse anti Human HLA ABC:Alexa Fluor 647.



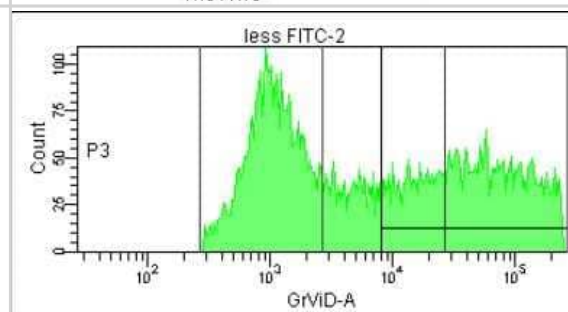
Flow Cytometry: HLA ABC Antibody (W6/32) [NB100-64775] - Staining of human peripheral blood lymphocytes with Mouse anti Human HLA ABC:FITC.



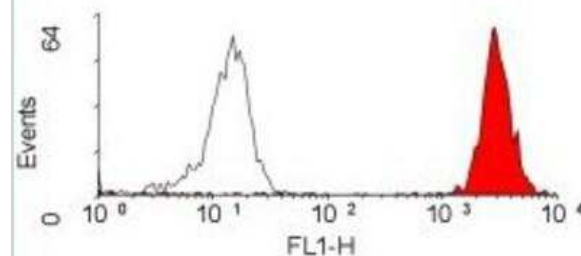
Flow Cytometry: HLA ABC Antibody (W6/32) [NB100-64775] - Staining of human peripheral blood monocytes with Mouse anti Human HLA ABC:Biotin.



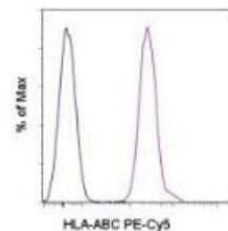
Flow Cytometry: HLA ABC Antibody (W6/32) [NB100-64775] - Human lymphoblast. Image provided via verified customer review.



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

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, Ctorteka 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]

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 alpha-beta-T Cells Engineered to Express gamma-delta-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] (B/N)

Phulphagar KM, Ctorteka 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 MHCI ligands and scaled-up production of conditional MHCI 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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