

# Product Datasheet

## HLA ABC Antibody (W6/32) [mFluor Violet 450 SE] NB100-64775MFV450

Unit Size: 0.25 ml

Store at 4C in the dark.

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**NB100-64775MFV450**

HLA ABC Antibody (W6/32) [mFluor Violet 450 SE]

| Product Information         |                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.25 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                       | W6/32                                                                                                                                                                                                                                                                                                                                                                                           |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                              |
| Isotype                     | IgG2a                                                                                                                                                                                                                                                                                                                                                                                           |
| Conjugate                   | mFluor Violet 450 SE                                                                                                                                                                                                                                                                                                                                                                            |
| Purity                      | Protein A purified                                                                                                                                                                                                                                                                                                                                                                              |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                              |
| 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                                                                                                                                                                                                                                                                                                                                                      |
| Notes                       | mFluor(TM) is a trademark of AAT Bioquest, Inc. 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                | ELISA, Flow Cytometry, Functional, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, CyTOF-ready, Immunohistochemistry-Paraffin (Negative)                                                                                                                                                                                                                                |
| Recommended Dilutions       | Flow Cytometry, ELISA, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Frozen, Functional, Immunohistochemistry-Paraffin (Negative), CyTOF-ready                                                                                                                                                                                                                                |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                          |





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### **Products Related to NB100-64775MFV450**

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|               |                                        |
|---------------|----------------------------------------|
| 210-TA-005    | TNF-alpha [Unconjugated]               |
| 285-IF-100/CF | IFN-gamma [Unconjugated]               |
| 202-IL-010    | IL-2 [Unconjugated]                    |
| NB120-6405    | MHC Class I Antibody (OX18) - 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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