

# Product Datasheet

## HLA G Antibody (mem-G/9) [mFluor Violet 450 SE] NBP3-43580MFV450

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-43580MFV450**

HLA G Antibody (mem-G/9) [mFluor Violet 450 SE]

| Product Information         |                                                                                                                                                                                                                                                                      |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 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                       | mem-G/9                                                                                                                                                                                                                                                              |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                   |
| Isotype                     | IgG1                                                                                                                                                                                                                                                                 |
| Conjugate                   | mFluor Violet 450 SE                                                                                                                                                                                                                                                 |
| Purity                      | Protein A purified                                                                                                                                                                                                                                                   |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                   |
| Product Description         |                                                                                                                                                                                                                                                                      |
| Host                        | Mouse                                                                                                                                                                                                                                                                |
| Gene ID                     | 3135                                                                                                                                                                                                                                                                 |
| Gene Symbol                 | HLA-G                                                                                                                                                                                                                                                                |
| Species                     | Human                                                                                                                                                                                                                                                                |
| Specificity/Sensitivity     | This antibody binds an epitope in the alpha 1 domain of human HLA G. It binds the native form of human HLA G1 on the cell surface as well as with soluble HLA G5 isoform in its beta2-microglobulin associated form. It is also reported to cross react with HLA G3. |
| Immunogen                   | The original antibody was generated by immunizing mice with native, properly folded, beta-2-microglobulin (b2m)-associated HLA G. (Uniprot# P17693)                                                                                                                  |
| 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, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry                                                                                                                                                                                 |
| Recommended Dilutions       | Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence                                                                                                                                                                                 |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                               |





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### **Products Related to NBP3-43580MFV450**

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|                  |                                                         |
|------------------|---------------------------------------------------------|
| NBP1-97005MFV450 | Mouse IgG1 Isotype Control (MG1) [mFluor Violet 450 SE] |
| NBP2-61457-20ug  | Recombinant Human HLA G His Protein                     |
| 210-TA-005       | TNF-alpha [Unconjugated]                                |
| NBL1-11592       | HLA G Overexpression Lysate                             |

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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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