

# Product Datasheet

## HLA G Antibody (01G) [Allophycocyanin/Cy7] NBP1-44926APCCY7

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NBP1-44926APCCY7**

HLA G Antibody (01G) [Allophycocyanin/Cy7]

| 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. Do not freeze.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Clone                       | 01G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Isotype                     | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Conjugate                   | Allophycocyanin/Cy7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Purity                      | Protein A purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene ID                     | 3135                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Symbol                 | HLA-G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Species                     | Human, Mouse (Negative), Rat (Negative)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Specificity/Sensitivity     | The antibody 01G recognizes membrane-bound form of HLA-G (full-length HLA-G1), but not soluble forms. HLA-G belongs to the MHC Class I molecules (MHC Class Ib; nonclassical) and it is expressed on the surface of trophoblast cells.                                                                                                                                                                                                                                                                                                         |
| Immunogen                   | HLA-B27 transgenic mice were immunized with H-2 identical murine cells transfected with and expressing genes encoding HLA G Antibody (01G) and human beta2-microglobulin.                                                                                                                                                                                                                                                                                                                                                                      |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Applications                | Flow Cytometry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Recommended Dilutions       | Flow Cytometry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. For optimal results using our Tandem dyes, please avoid prolonged exposure to light or extreme temperature fluctuations. These can lead to irreversible degradation or decoupling. When staining intracellular targets, specific attention to the fixation and permeabilization steps in your flow protocol may be required. Please contact our technical support team at <a href="mailto:technical@novusbio.com">technical@novusbio.com</a> if you have any questions. |



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**Products Related to NBP1-44926APCCY7**

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|                  |                                                        |
|------------------|--------------------------------------------------------|
| NBP1-97005APCCY7 | Mouse IgG1 Isotype Control (MG1) [Allophycocyanin/Cy7] |
| 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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