

## TECHNICAL DATA SHEET

### CyFlow™ HLA-G APC Anti-Hu; Clone MEM-G/9

**REF** CP542629

**For Research Use Only.**  
**Not for use in diagnostic or therapeutic procedures.**

### Specifications

|                                    |                                                                           |
|------------------------------------|---------------------------------------------------------------------------|
| <b>Antigen</b>                     | HLA-G                                                                     |
| <b>Alternative Names</b>           | —                                                                         |
| <b>Clone</b>                       | MEM-G/9                                                                   |
| <b>Clonality</b>                   | monoclonal                                                                |
| <b>Format</b>                      | APC                                                                       |
| <b>Host / Isotype</b>              | Mouse / IgG1                                                              |
| <b>Species Reactivity</b>          | Human                                                                     |
| <b>Negative Species Reactivity</b> | Mouse                                                                     |
| <b>Quantity [Concentration]</b>    | 0.1 mg [ 0.1 mg/ml ]                                                      |
| <b>Immunogen</b>                   | Recombinant human HLA-G refolded with $\beta$ 2-microglobulin and peptide |

### Specificity

The mouse monoclonal antibody MEM-G/9 reacts with native form of human HLA-G1 on the cell surface as well as with soluble HLA-G5 isoform in its  $\beta$ 2-microglobulin associated form. Reactivity with HLA-G3

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was also reported. The antibody MEM-G/9 is standard reagent thoroughly validated during 3rd International Conference on HLA-G (Paris, 2003).

## Application

The reagent is designed for Flow Cytometry analysis. Suggested working usage is 1 µg/ml. Indicated dilution is recommended starting point for use of this product, but working concentrations should be validated by the investigator.

Other usages may be determined from the scientific literature.

## Storage Buffer

The reagent is provided in stabilizing phosphate buffered saline (PBS) solution, pH ≈7.4, containing 0.1% (w/v) sodium azide.

## Storage and Stability

|                  |                                                                               |
|------------------|-------------------------------------------------------------------------------|
| <b>Storage</b>   | Avoid prolonged exposure to light. Store in the dark at 2-8°C. Do not freeze. |
| <b>Stability</b> | Do not use after expiration date stamped on vial label.                       |

## References

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The Safety Data Sheet for this product is available at [www.sysmex-partec.com/services](http://www.sysmex-partec.com/services).

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