**Monoclonal Antibody to HLA-G**

**Allophycocyanin (APC) conjugated (0.1 mg)**

**Clone:** MEM-G/9  
**Isotype:** Mouse IgG1  
**Specificity:** The 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 beta2-microglobulin associated form. Reactivity with HLA-G3 was also reported. The antibody MEM-G/9 is standard reagent thoroughly validated during 3rd International Conference on HLA-G (Paris, 2003).

**Regulatory Status:** RUO  
**Immunogen:** Recombinant human HLA-G refolded with beta2-microglobulin and peptide.  
**Species Reactivity:** Human  
**Negative Species:** Mouse  
**Preparation:** The purified antibody is conjugated with cross-linked Allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.  
**Concentration:** 0.1 mg/ml  
**Storage Buffer:** The reagent is provided in stabilizing phosphate buffered saline (PBS) solution containing 15mM sodium azide.  
**Storage / Stability:** Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.  
**Usage:** The reagent is designed for Flow Cytometry analysis of cells expressing HLA-G molecule on the cell surface. Suggested working dilution is 1:100. Indicated dilution is recommended starting point for use of this product. Working concentrations should be determined by the investigator.  
**Expiration:** See vial label  
**Lot Number:** See vial label


*Zhao L, Teklemariam T, Hantash BM: Reassessment of HLA-G isoform specificity of MEM-G/9 and 4H84 monoclonal antibodies. Tissue Antigens. 2012 Sep;80(3):231-8

*And other.