Monoclonal Antibody to HLA-G
Phycoerythrin (PE) 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 R-Phycoerythrin (PE) 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
References:


*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.