Monoclonal Antibody to HLA-G
Azide Free (0.025 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
Application:
- Flow Cytometry
  Recommended dilution: 1-5 µg/ml
  Positive control: JEG-3 human choriocarcinoma cell line
- Immunoprecipitation
- Immunohistochemistry (frozen sections)
- Immunocytochemistry
  Recommended dilution: Alexa Fluor® 488 Fab-fragment: 5 µg/ml
- ELISA
  Application note: The antibody MEM-G/9 has been tested as the capture antibody in a sandwich ELISA for analysis of human HLA-G in combination with antibody B2M-01 or with antibody W6/32.
  Coating antibody (10 µg/ml)
  Detection antibody (biotin or peroxidase conjugate; 1 µg/ml)

Purity: > 95% (by SDS-PAGE)
Purification: Purified by protein-A affinity chromatography
Concentration: 1 mg/ml
Storage Buffer: Azide free phosphate buffered saline (PBS), approx. pH 7.4; 0.2 µm filter sterilized.
Storage / Stability: Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.
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.