



10-292-C100

Monoclonal Antibody to HLA-G Azide Free (0.1 mg)

Clone:	MEM-G/9
Isotype:	Mouse IgG1
Specificity:	<p>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. HLA-G belongs to the MHC Class I molecules (MHC Class Ib; nonclassical) and it is expressed on the surface of trophoblast cells.</p> <p>The antibody MEM-G/9 is standard reagent thoroughly validated during 3rd International Conference on HLA-G (Paris, 2003).</p>
Immunogen:	Recombinant human HLA-G refolded with beta2-microglobulin and peptide.
Species Reactivity:	Human
Negative Species:	Mouse
Application:	<p>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</p> <p>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)</p>
Purity:	> 95% (by SDS-PAGE)
Purification:	Purified by protein A
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 use after expiration date stamped on vial label. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.
Expiration:	See vial label
Lot Number:	See vial label

For laboratory research only, not for drug, diagnostic or other use.

**Antibodies****References:**

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- *Menier C, Saez B, Horejsi V, Martinozzi S, Krawice-Radanne I, Bruel S, Le Danff C, Reboul M, Hilgert I, Rabreau M, Larrad ML, Pla M, Carosella ED, Rouas-Freiss N.: Characterization of monoclonal antibodies recognizing HLA-G or HLA-E: new tools to analyze the expression of nonclassical HLA class I molecules. *Hum Immunol*. 2003 Mar;64(3):315-26.
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