



1F-389-C100

Monoclonal Antibody to HLA-G Fluorescein (FITC) conjugated (0.1 mg)

Clone:	MEM-G/11
Isotype:	Mouse IgG1
Specificity:	The antibody MEM-G/11 recognizes HLA-G1 antigen. HLA-G belongs to the MHC Class I molecules (MHC Class Ib; nonclassical) and it is expressed on the surface of trophoblast cells.
Regulatory Status:	RUO
Immunogen:	Recombinant human HLA-G refolded with beta2-microglobulin and peptide.
Species Reactivity:	Human
Preparation:	The purified antibody is conjugated with Fluorescein isothiocyanate (FITC) under optimum conditions. The reagent is free of unconjugated FITC.
Concentration:	1 mg/ml
Storage Buffer:	Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
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 1:500. 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:	*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. <i>Hum Immunol.</i> 2003 Mar;64(3):315-26. *Boyson JE, Erskine R, Whitman MC, Chiu M, Lau JM, Koopman LA, Valter MM, Angelisova P, Horejsi V, Strominger JL.: Disulfide bond-mediated dimerization of HLA-G on the cell surface. <i>Proc Natl Acad Sci U S A.</i> 2002 Dec 10;99(25):16180-5.

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