



1F-432-C025

## Monoclonal Antibody to HLA-G Fluorescein (FITC) conjugated (0.025 mg)

<b>Clone:</b>	2A12
<b>Isotype:</b>	Mouse IgG1
<b>Specificity:</b>	The antibody 2A12 was generated to a peptide corresponding to C-intron 4-encoded sequence. This antibody does not crossreact with the full-length HLA-G1 isoform and thus allow to distinguish between secreted HLA-G5 and HLA-G6 isoforms from shedded HLA-G1.
<b>Regulatory Status:</b>	RUO
<b>Immunogen:</b>	C-terminal amino acid sequence (22-mer) of soluble HLA-G5 and HLA-G6 proteins coupled to ovalbumin.
<b>Species Reactivity:</b>	Human
<b>Preparation:</b>	The purified antibody is conjugated with Fluorescein isothiocyanate (FITC) under optimum conditions. The reagent is free of unconjugated FITC.
<b>Concentration:</b>	1 mg/ml
<b>Storage Buffer:</b>	Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
<b>Storage / Stability:</b>	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.
<b>Usage:</b>	The reagent is designed for Flow Cytometry analysis. Suggested working dilution is 5 µg/ml. Indicated dilution is recommended starting point for use of this product. Working concentrations should be determined by the investigator.
<b>Expiration:</b>	See vial label
<b>Lot Number:</b>	See vial label
<b>References:</b>	*LeMaoult J, Le Discorde M, Rouas-Freiss N, Moreau P, Menier C, McCluskey J, Carosella ED: Biology and functions of human leukocyte antigen-G in health and sickness. <i>Tissue Antigens</i> . 2003 Oct;62(4):273-84. *White SR, Loisel DA, McConville JF, Stern R, Tu Y, Marroquin BA, Noth I, Ober C: Levels of soluble human leukocyte antigen-G are increased in asthmatic airways. <i>Eur Respir J</i> . 2010 Apr;35(4):925-7. *Larsen MH, Bzorek M, Pass MB, Larsen LG, Nielsen MW, Svendsen SG, Lindhard A, Hviid TV: Human leukocyte antigen-G in the male reproductive system and in seminal plasma. <i>Mol Hum Reprod</i> . 2011 Dec;17(12):727-38. *Poláková K, Železníková T, Russ G: HLA-G5 in the blood of leukemia patients and healthy individuals. <i>Leuk Res</i> . 2013 Feb;37(2):139-45.

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