

Technical Data Sheet

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| Product | Anti-HLA-G FITC | |
| Cat. Number/Size | 1F-292-C025 | 0.025 mg |
| | 1F-292-C100 | 0.1 mg |
| | For Research Use Only. | |
| | Not for use in diagnostic or therapeutic procedures. | |

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| Antigen | HLA-G |
| Clone | MEM-G/9 |
| Format | FITC |
| Reactivity | Human |
| Negative species | Mouse |
| Application | FC (QC tested) |
| Application details | Flow cytometry: Recommended dilution: 1-5 µg/ml; positive control: JEG-3 human choriocarcinoma cell line. |
| Excitation laser | blue (488 nm) |
| Isotype | Mouse IgG1 |
| Specificity | The antibody MEM-G/9 reacts with an extracellular epitope on 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). |
| Immunogen | Recombinant human HLA-G refolded with beta2-microglobulin and peptide. |
| Entrez Gene ID | 3135 |
| Gene name | HLA-G |
| NCBI Full Gene Name | major histocompatibility complex, class I, G |
| UniProt ID | P17693 |

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| Concentration | 1 mg/ml |
| Preparation | Purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography. |
| Formulation | Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide |
| Storage and handling | Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze. |

Images and References www.exbio.cz

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