



1F-437-C100

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

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| Clone: | 87G |
| Isotype: | Mouse IgG2a |
| Specificity: | The antibody 87G recognizes both membrane-bound and soluble forms of HLA-G (HLA-G1 and HLA-G5). HLA-G belongs to the MHC Class I molecules (MHC Class Ib; nonclassical) and it is expressed on the surface of trophoblast cells. The antibody 87G blocks interaction of HLA-G with inhibitory receptors. |
| Regulatory Status: | RUO |
| Immunogen: | HLA-B27 transgenic mice were immunized with H-2 identical murine cells transfected with and expressing genes encoding HLA-G and human beta2-microglobulin. |
| Species Reactivity: | Human |
| Negative Species: | Mouse, Rat |
| 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. Suggested working dilution is 1:100. 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 |

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

**Antibodies****References:**

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