9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

# 30-1347-FITC: Anti-HLA-G FITC

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| **Clonality :** | Monoclonal |
| **Clone Name :** | G233 |
| **Application :** | FC-IC,FC (QC tested) |
| **Reactivity :** | Human |
| **Gene :** | HLA-G |
| **Gene ID :** | 3135 |
| **Uniprot ID :** | P17693 |
| **Format :** | FITC |
| **Isotype :** | Mouse IgG2a |
| **Immunogen Information :** | HLA-A2.1/human beta2-microglobulin double transgenic mice were immunized with murine L cells transfected with both human beta2-microglobulin and HLA-G. |

## Description

The mouse monoclonal antibody G233 recognizes an extracellular epitope on several isoforms of HLA-G expressed in all populations of extravillous trophoblast (cell columns, interstitial trophoblast, endovascular trophoblast, placental bed giant cells). HLA-G belongs to the nonclassical MHC Class I molecules (MHC Class Ib). The antibody G233 has been found not to cross-react with any other MHC Class I antigens (HLA-A, -B, -C, -E, -F).

## Product Info

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| **Amount :** | 0.1 mg (C100) |
| **Purification :** | Purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography. |
| **Content :** | Concentration:- 1 mg/ml<br>Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide |
| **Storage condition :** | Store at 2-8 degree C. Protect from prolonged exposure to light. Do not freeze. |

## Application Note

Flow cytometry: Recommended dilution: 1-5 ug/ml.

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***