

For Research Use Only

Anti-Human HLA-G Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98985-1-PBS



Basic Information

Catalog Number:

98985-1-PBS

Concentration:

1mg, 3 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

3135

UNIPROT ID:

P17693

Full Name:

major histocompatibility complex, class I, G

Purification Method:

Protein A purification

CloneNo.:

261668A1

Applications

Tested Applications:

FC

Species Specificity:

human

Background Information

Human major histocompatibility complex (MHC) antigens, also referred to as human leukocyte antigens (HLA), are encoded by genes located on the short arm of chromosome 6 (6p21.3). HLA-G is a non-classical MHC class I molecule with multiple immunoregulatory properties. HLA-G exhibits a restricted pattern of expression that includes placental extravillous trophoblasts at the maternal-fetal interface, where it abolishes maternal immune cell activity against fetus and establishes immune tolerance. Aberrant expression of HLA-G has been found in a variety of human neoplastic diseases. It plays an important role in the escape of tumor cells from immunosurveillance.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

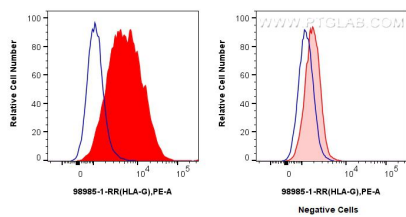
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ JAR cells (left) or K562 cells (right) were surface stained with 0.25 ug Anti-Human HLA-G Rabbit RecAb (98985-1-RR, Clone: 261668A1) (red) or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed. This data was developed using the same antibody clone with 98985-1-PBS in a different storage buffer formulation.