

Product datasheet

Anti-HLA G antibody [87G] (FITC) ab239336

1 Image

Overview

Product name	Anti-HLA G antibody [87G] (FITC)
Description	Mouse monoclonal [87G] to HLA G (FITC)
Host species	Mouse
Conjugation	FITC. Ex: 493nm, Em: 528nm
Specificity	The antibody 87G recognizes both membrane-bound and soluble forms of HLA-G (HLA-G1 and HLA-G5).
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human Does not react with: Mouse, Rat
Immunogen	Tissue, cells or virus corresponding to Human HLA G. (HLA-B27 transgenic mice were immunized with H-2 identical murine cells transfected with and expressing genes encoding HLA-G and human beta2-microglobulin).
Positive control	FC: HLA-G transfectants.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Store In the Dark.
Storage buffer	pH: 7.40 Preservative: 0.0975% Sodium azide Constituent: PBS
Purity	Size exclusion
Purification notes	Purified antibody is conjugated with Fluorescein isothiocyanate (FITC) under optimum conditions. The reagent is free of unconjugated FITC.
Clonality	Monoclonal
Clone number	87G
Isotype	IgG2a

Applications

Our [Abpromise guarantee](#) covers the use of **ab239336** in the following tested applications.

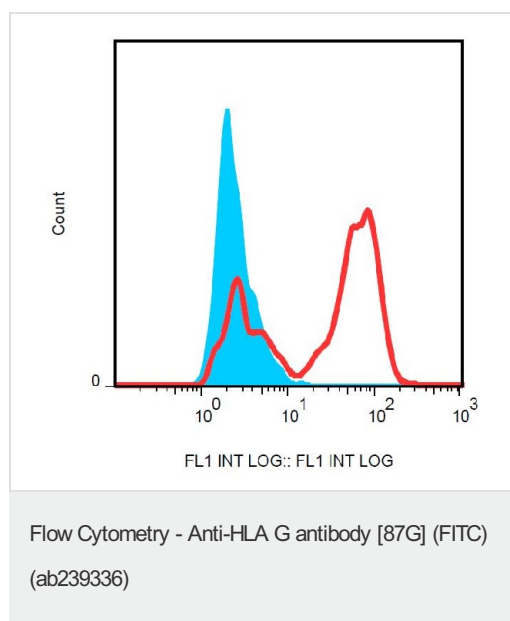
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		1/100.

Target

Function	Involved in the presentation of foreign antigens to the immune system. Plays a role in maternal tolerance of the fetus by mediating protection from the deleterious effects of natural killer cells, cytotoxic T lymphocytes, macrophages and mononuclear cells.
Tissue specificity	Expressed in trophoblasts.
Sequence similarities	Belongs to the MHC class I family. Contains 1 Ig-like C1-type (immunoglobulin-like) domain.
Cellular localization	Membrane.

Images



Flow cytometric analysis of HLA-G transfectants labeling HLA-G with ab239336 (red), compared with a control (blue). Surface staining. Gated on cell singlets.

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