

PE Anti-HLA G antibody [MEM-G/9] α b24384

[11 References](#) [1 Image](#)

Overview

Product name	PE Anti-HLA G antibody [MEM-G/9]
Description	PE Mouse monoclonal [MEM-G/9] to HLA G
Host species	Mouse
Conjugation	PE. Ex: 488nm, Em: 575nm
Specificity	The antibody reacts with native form of human HLA-G1 on the cell surface as well as with soluble HLA-G5 isoform in its beta2-microglobulin associated form. We have data to indicate that this antibody may not cross react with Mouse. However, this has not been conclusively tested and expression levels may vary in certain cell lines/tissues.
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Recombinant fragment
Immunogen	Recombinant full length protein (Human) refolded with beta2-microglobulin and peptide.
General notes	<p>The purified antibody is conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	<p>pH: 7.4</p> <p>Preservative: 0.097% Sodium azide</p> <p>Constituents: PBS, 0.2% BSA</p>
Purity	Protein A purified
Clonality	Monoclonal

Clone number	MEM-G/9
Isotype	IgG1

Applications

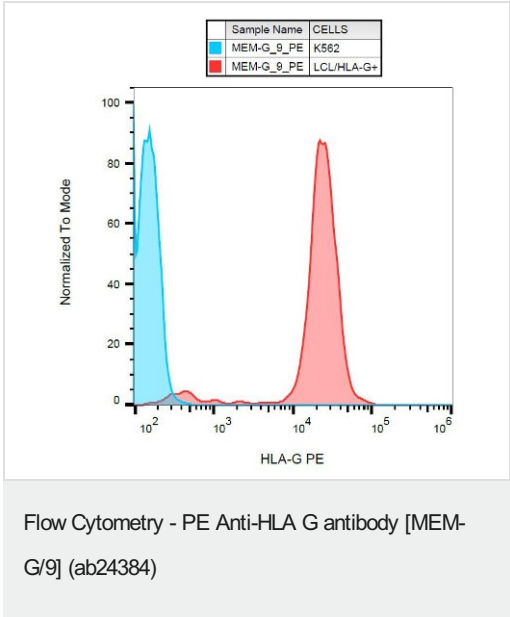
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab24384 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use a concentration of 1 - 4 µg/ml. Do not fix cells. ab91357 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

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



Surface staining of HLA-G1 transfectants (LCL-HLA-G1) using anti-HLA-G (MEM-G/9) PE.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors