

Product datasheet

Anti-Human IgG FC fragment antibody [EM-07] ab77118

★★★★☆ [1 Abreviews](#) [2 References](#) [4 Images](#)

Overview

Product name	Anti-Human IgG FC fragment antibody [EM-07]
Description	Mouse monoclonal [EM-07] to Human IgG FC fragment
Host species	Mouse
Specificity	Reacts with Fc part of human IgG heavy chain and with isolated Fc fragments. It does not cross-react with IgM.
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Fusion protein corresponding to Human Human IgG FC fragment.
Positive control	Flow Cyt: Human peripheral whole blood,
General notes	<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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.40 Preservative: 0.097% Sodium azide Constituent: PBS
Purity	Protein A purified
Purification notes	Purity >95% by SDS-PAGE.
Clonality	Monoclonal
Clone number	EM-07

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab77118 in the following tested applications.

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

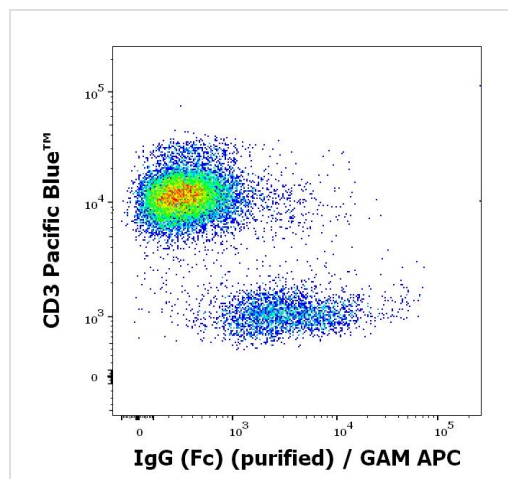
Application	Abreviews	Notes
Flow Cyt		Use a concentration of 1 - 4 µg/ml.

Target

Relevance

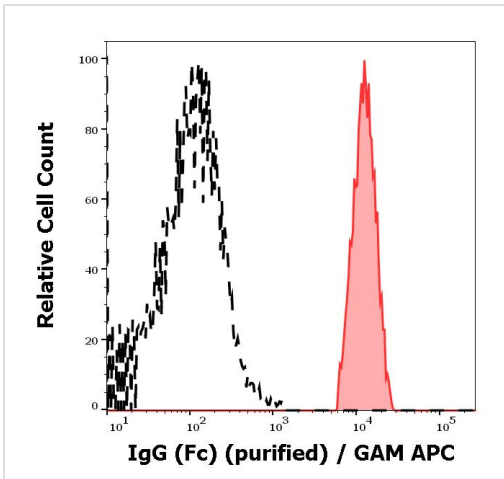
The Fc region is the constant region on an immunoglobulin molecule, the area that is exactly the same on all antibodies. The Fc region is found on the heavy chains and is not involved in binding antigens.

Images



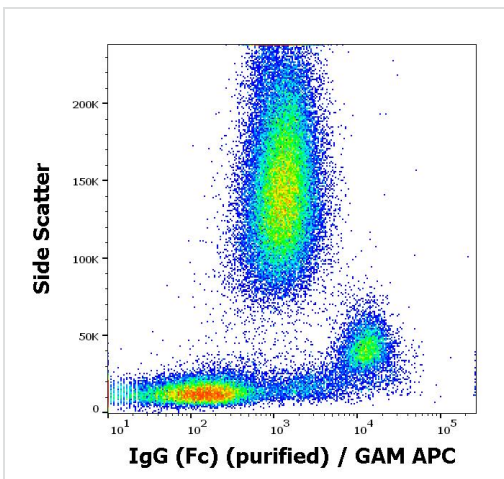
Flow Cytometry - Anti-Human IgG FC fragment antibody [EM-07] (ab77118)

Flow cytometry multicolor surface staining of human peripheral whole blood stained with ab77118 (concentration in sample 1 µg/ml, GAM APC) and anti-human CD3 (UCHT1) Pacific Blue™ antibody (20 µl reagent / 100 µl of peripheral whole blood).



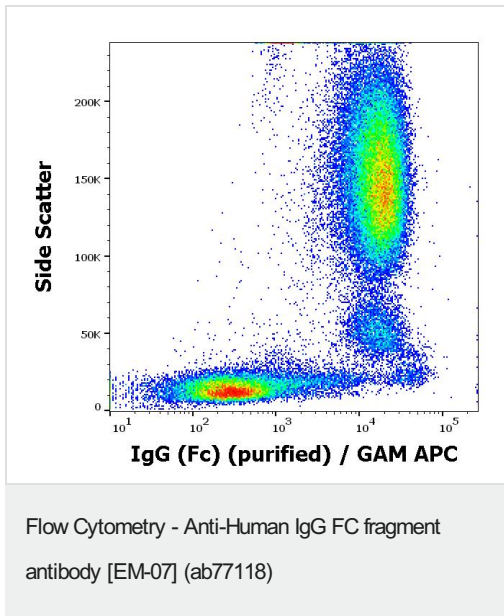
Separation of human monocytes (red-filled) from CD3 negative IgG (Fc) positive lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of peripheral whole blood stained with ab77118 (concentration in sample 1 $\mu\text{g}/\text{ml}$, GAM APC). The pattern varies depending on the blood donor.

Flow Cytometry - Anti-Human IgG FC fragment antibody [EM-07] (ab77118)



Flow cytometry surface staining pattern of human peripheral whole blood with ab77118 (concentration in sample 1 $\mu\text{g}/\text{ml}$, GAM APC). The pattern varies depending on the blood donor.

Flow Cytometry - Anti-Human IgG FC fragment antibody [EM-07] (ab77118)



Flow cytometry surface staining pattern of human peripheral whole blood with ab77118 purified antibody (concentration in sample 1 µg/ml, GAM APC). The pattern varies depending on the blood donor.

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

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- 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.

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