

Anti-Human IgG Fab fragment antibody [4A11] ab771

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Overview

Product name	Anti-Human IgG Fab fragment antibody [4A11]
Description	Mouse monoclonal [4A11] to Human IgG Fab fragment
Host species	Mouse
Specificity	This antibody reacts with Fab fragment of human IgG. Specificity was confirmed by western blotting analysis of purified Fab fragment, of human IgG, under reducing conditions.
Tested applications	Suitable for: Flow Cyt, WB
Species reactivity	Reacts with: Human
Immunogen	Full length native protein (purified) corresponding to Human Human IgG Fab fragment.
Positive control	WB: Normal human immunoglobulins. Flow Cyt: Human peripheral blood cells.
General notes	<p>This product was changed from ascites to tissue culture supernatant on 24th January 2018. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.097% Sodium azide</p> <p>Constituent: PBS</p>
Purity	Protein A purified
Clonality	Monoclonal

Clone number	4A11
Myeloma	unknown
Isotype	IgG2b
Light chain type	unknown

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab771 in the following tested applications.

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

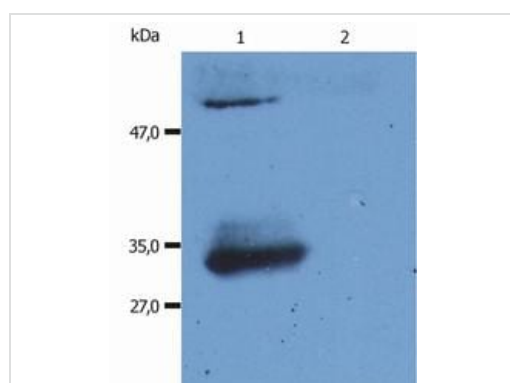
Application	Abreviews	Notes
Flow Cyt		Use a concentration of 1 - 5 µg/ml. ab170192 - Mouse monoclonal IgG2b, is suitable for use as an isotype control with this antibody.
WB		Use at an assay dependent concentration.

Target

Relevance

Human IgG consists of four subclasses (1-4) that can be recognised by antigen differences in their heavy chains. Each subclass has different biological and physiochemical properties. The IgG subclass may be preferentially produced in response to different antigens. The Fab fragment (fragment antigen binding) is the antigen region of the IgG molecule. It is composed of one constant and one variable domain of each of the heavy and the light chain.

Images



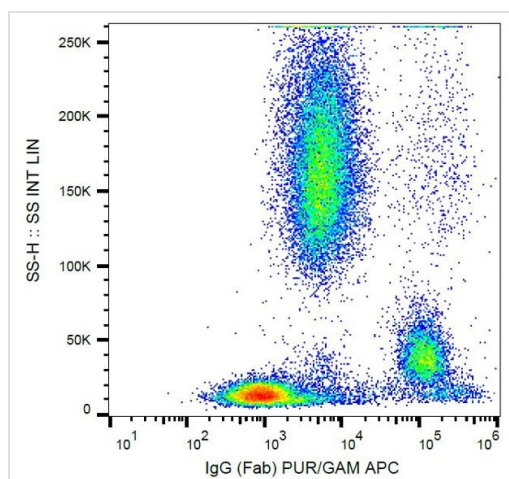
Western blot - Anti-Human IgG Fab fragment antibody [4A11] (ab771)

All lanes : Anti-Human IgG Fab fragment antibody [4A11] (ab771)

Lane 1 : Normal human immunoglobulins

Lane 2 : Normal bovine immunoglobulins

Performed under reducing conditions.



Flow Cytometry - Anti-Human IgG Fab fragment
antibody [4A11] (ab771)

Surface staining of human peripheral blood cells with ab771. An APC-conjugated goat anti-mouse IgG was used as the secondary antibody.

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

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