Product datasheet

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

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, ELISA, WB

Species reactivity
Reacts with: Human

Immunogen
Full length native protein (purified) (Human).

Positive control

General notes
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.

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
pH: 7.40
Preservative: 0.097% Sodium azide
Constituent: PBS

Purification notes
Produced using TCS

Clonality
Monoclonal

Clone number
4A11

Myeloma
unknown

Isotype
IgG2b

Light chain type
unknown

Applications

References
3 Images
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.

Target

Images
Flow Cytometry analysis of human peripheral blood cells labeling Human IgG Fab fragment with Anti-Human IgG Fab fragment antibody [4A11] (ab771).

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.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>Flow Cyt</td>
<td>Use at an assay dependent concentration. ab170192 - Mouse monoclonal IgG2b, is suitable for use as an isotype control with this antibody.</td>
<td></td>
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<tr>
<td>ELISA</td>
<td>Use at an assay dependent concentration.</td>
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<tr>
<td>WB</td>
<td>Use at an assay dependent concentration.</td>
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</tbody>
</table>
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.

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