Overview

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

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).


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: Purified by precipitation and chromatography

Clonality: Monoclonal

Clone number: 4A11

Myeloma: unknown

Isotype: IgG2b

Light chain type: unknown

Applications
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.

**Application**

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**Target**

**Relevance**

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.
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.

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

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