

Product datasheet

Anti-CD32A antibody [4F5] ab235122

Recombinant

2 Images

Overview

Product name	Anti-CD32A antibody [4F5]
Description	Mouse monoclonal [4F5] to CD32A
Host species	Mouse
Tested applications	Suitable for: Flow Cyt Unsuitable for: ICC/IF,IHC-P,IP or WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human CD32A. Database link: P12318 Run BLAST with Run BLAST with
Positive control	Flow Cyt: Raji cells.
General notes	This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com . This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production For more information see here .

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 long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	4F5

Isotype

IgG1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab235122 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 1.035 µg/ml.

Application notes

Is unsuitable for ICC/IF, IHC-P, IP or WB.

Target

Function

Binds to the Fc region of immunoglobulins gamma. Low affinity receptor. By binding to IgG it initiates cellular responses against pathogens and soluble antigens. Promotes phagocytosis of opsonized antigens.

Tissue specificity

Found on monocytes, neutrophils and eosinophil platelets.

Sequence similarities

Contains 2 Ig-like C2-type (immunoglobulin-like) domains.

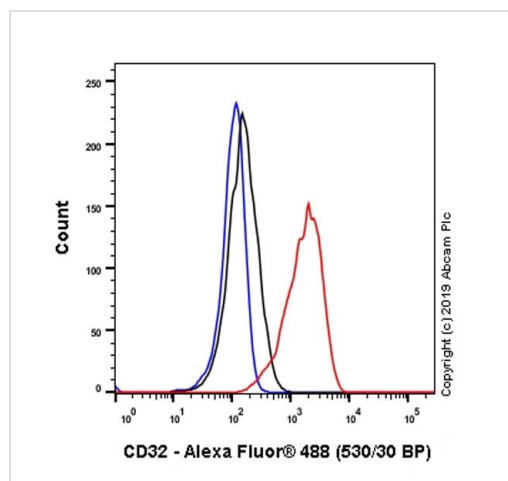
Post-translational modifications

Phosphorylated by SRC-type Tyr-kinases such as LYN, BLK, FYN, HCK and SYK.

Cellular localization

Cell membrane.

Images



Flow cytometric analysis of Raji (Human Burkitt's lymphoma B lymphocyte) cell line labeling CD32A with ab235122 at 1.035µg/ml (red) compared with a Mouse IgG, monoclonal Isotype Control (black) and an unlabeled control (cells without incubation with primary antibody and secondary antibody) (blue). Goat Anti-Mouse IgG **ab150113** (Alexa Fluor® 488) at 1/2000 dilution was used as the secondary antibody. Gated on viable cells.

Flow Cytometry - Anti-CD32A antibody [4F5]
(ab235122)

Why choose a recombinant antibody?

Research with confidence
Consistent and reproducible results

Long-term and scalable supply
Recombinant technology

Success from the first experiment
Confirmed specificity

Ethical standards compliant
Animal-free production

Anti-CD32A antibody [4F5] (ab235122)

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

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- 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

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