

Product datasheet

PE/Cy7® Anti-CD11c antibody [N418] ab210310

[1 Image](#)

Overview

Product name	PE/Cy7® Anti-CD11c antibody [N418]
Description	PE/Cy7® Armenian hamster monoclonal [N418] to CD11c
Host species	Armenian hamster
Conjugation	PE/Cy7®. Ex: 496nm, Em: 774nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Mouse
Immunogen	Tissue, cells or virus corresponding to CD11c. Mouse Dendritic Cells
Positive control	C57Bl/6 splenocytes.
General notes	<p>This product or portions thereof is manufactured under license from Carnegie Mellon University under U.S. Patent Number 5, 268, 486 and related patents. Cy® and CyDye® are trademarks of Cytiva.</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.

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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Store In the Dark.
Storage buffer	pH: 7.20 Preservative: 0.09% Sodium azide Constituents: 0.12% Monobasic dihydrogen sodium phosphate, 0.87% Sodium chloride, 0.1% Gelatin
Purification notes	ab210310 was purified from tissue culture supernatant via affinity chromatography. The purified antibody was conjugated under optimal conditions, with unreacted dye removed from the preparation.

Clonality	Monoclonal
Clone number	N418
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab210310 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 at an assay dependent concentration. Suggested use 1 µg.

Target

Function Integrin alpha-X/beta-2 is a receptor for fibrinogen. It recognizes the sequence G-P-R in fibrinogen. It mediates cell-cell interaction during inflammatory responses. It is especially important in monocyte adhesion and chemotaxis.

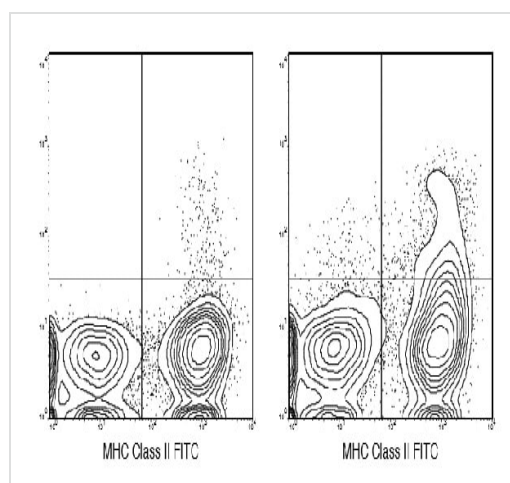
Tissue specificity Predominantly expressed in monocytes and granulocytes.

Sequence similarities Belongs to the integrin alpha chain family.
Contains 7 FG-GAP repeats.
Contains 1 VWFA domain.

Domain The integrin I-domain (insert) is a VWFA domain. Integrins with I-domains do not undergo protease cleavage.

Cellular localization Membrane.

Images



Flow cytometric analysis of C57Bl/6 splenocytes labeling CD11c with FITC Anti-Mouse MHC Class II and 1 µg ab210310 (right panel) or 1 µg PE-Cy7 Armenian Hamster IgG (left panel).

Flow Cytometry - PE/Cy7® Anti-CD11c antibody
[N418] (ab210310)

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