

CD11c antibody [N418] (Biotin)

Cat. No. GTX74936

Host	Armenian Hamster
Clonality	Monoclonal
Isotype	IgG2
Applications	FCM
Reactivity	Mouse

References (11)

Package

100 µg

PRODUCT

Summary

The N418 antibody reacts with mouse CD11c, also known as integrin α 1 β 1. This 150 kDa cell surface glycoprotein is part of a family of integrin α receptors that mediate adhesion between cells (cell-cell) and components of the extracellular matrix, e.g. fibrinogen (cell-matrix). In addition, integrin α s are active signaling receptors which recruit leukocytes to inflammatory sites and promote cell activation. Complete, functional integrin α receptors consist of distinct combinations of integrin α chains which are differentially expressed. Integrin α 1 β 1 (CD11c) assembles with integrin α 2 β 2 (CD18) into a receptor complex known as CR4 which can bind and induce signaling through ICAMs and VCAM-1 on endothelial cells and can also facilitate removal of iC3b bearing foreign cells.

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
FCM	Assay dependent

Not tested in other applications.

Properties

Form	Liquid
Buffer	10mM NaH ₂ PO ₄ , 150mM NaCl
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light.
Concentration	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Mouse spleen dendritic cells.
Purification	Purified by affinity chromatography From tissue culture supernatant
Conjugation	Biotin



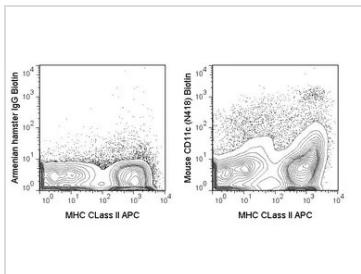
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Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES**GTX74936 FCM Image**

FACS analysis of C57Bl/6 splenocytes stained APC MHC Class II antibody, followed by staining with GTX74936 CD11c antibody [N418] (Biotin).

Right panel : Co-stained with APC MHC Class II antibody and GTX74936

Left panel : Co-stained with APC MHC Class II antibody and Biotin Armenian hamster IgG isotype control

Antibody amount : 0.03 µg



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