

## CD11c antibody [N418]

Cat. No. GTX74940

<b>Host</b>	Armenian Hamster
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2
<b>Applications</b>	ICC/IF, IHC-P, IHC-Fr, FCM, IP, Neutralizing /Inhibition
<b>Reactivity</b>	Mouse

References ( 14 )

Package

100 µg

## PRODUCT

## Summary

The N418 antibody reacts with mouse CD11c, also known as integrin  $\alpha$  X. This 150 kDa cell surface glycoprotein is part of a family of integrin  $\alpha$  receptors that mediate adhesion between cells (cell-cell) and components of the extracellular matrix, e.g. fibrinogen (cell-matrix). In addition, integrin  $\alpha$ s are active signaling receptors which recruit leukocytes to inflammatory sites and promote cell activation. Complete, functional integrin  $\alpha$  receptors consist of distinct combinations of integrin  $\alpha$  chains which are differentially expressed. integrin  $\alpha$  X (CD11c) assembles with integrin  $\beta$ 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
ICC/IF	Assay dependent
IHC-P	Assay dependent
IHC-Fr	Assay dependent
FCM	Assay dependent
IP	Assay dependent
Neutralizing /Inhibition	Assay dependent

Not tested in other applications.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	10mM NaH <sub>2</sub> PO <sub>4</sub> , 150mM NaCl
<b>Preservative</b>	0.09% Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
<b>Concentration</b>	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Mouse spleen dendritic cells.



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<b>Purification</b>	Purified by affinity chromatography From tissue culture supernatant
<b>Conjugation</b>	Unconjugated
<b>Note</b>	<p>For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.</p> <p>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.</p>



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