

CD11c antibody [N418]

Cat. No. GTX74940

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

References (14)

Package

100 µg

PRODUCT

Summary

The N418 antibody reacts with mouse CD11c, also known as integrin α X. 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 X (CD11c) assembles with integrin 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 |
|-------------------------|----------------------|
| 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

| | |
|---------------|---|
| 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. |
| Concentration | 0.5 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Mouse spleen dendritic cells. |



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| | |
|---------------------|---|
| Purification | Purified by affinity chromatography From tissue culture supernatant |
| Conjugation | Unconjugated |
| Note | <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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