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InnoCyto Inc.

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iF647 Anti-Mouse CD11c (integrin αX) Antibody

Catalog Number:	203103, 203104
Size:	25 μg, 100 μg
Target Name:	CD11c, integrin αX chain, CR4, ITGAX, p150
Regulatory Status:	RUO

PRODUCT DETAILS

Clone:	N418-mG1
Application:	Flow Cytometry
Reactivity:	Mouse
Format:	iF647
Isotype:	Mouse IgG1
Antibody Type:	Monoclonal
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA
Protein Concentration:	Supplied at a lot-specific concentration.
Storage&Handling:	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Recommended Usage:	For flow cytometric staining, it is recommended to use less than 0.3 µg of this reagent per 0.5-1.0 million cells in a 100 µL volume. Optimal reagent performance should be determined by titration for each specific application. iF647 has an excitation max at 656 nm and an emission max at 670 nm.
Excitation Laser:	Red Laser (633 nm)
RRID:	AB_3739113

BACKGROUND INFORMATION

CD11c (Integrin αX, CR4, p150) is a ~150 kDa type I transmembrane glycoprotein that pairs non-covalently with β2 integrin (CD18) to form the αXβ2 heterodimer. It is expressed mainly on dendritic cells, with additional expression on NK cells, subsets of intestinal intraepithelial lymphocytes, monocytes/macrophages, granulocytes, and some activated T and B cells. CD11c/CD18 binds iC3b, fibrinogen, and CD54 (ICAM-1), mediating cell–cell adhesion, phagocytosis of opsonized particles, and immune cell trafficking.