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InnoCyto Inc.

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PE/Cyanine7 Anti-Mouse CD11c Antibody

Catalog Number:	203107, 203108
Size:	25 tests, 100 tests
Target Name:	CD11c, integrin αX chain, CR4, ITGAX, p150
Regulatory Status:	RUO

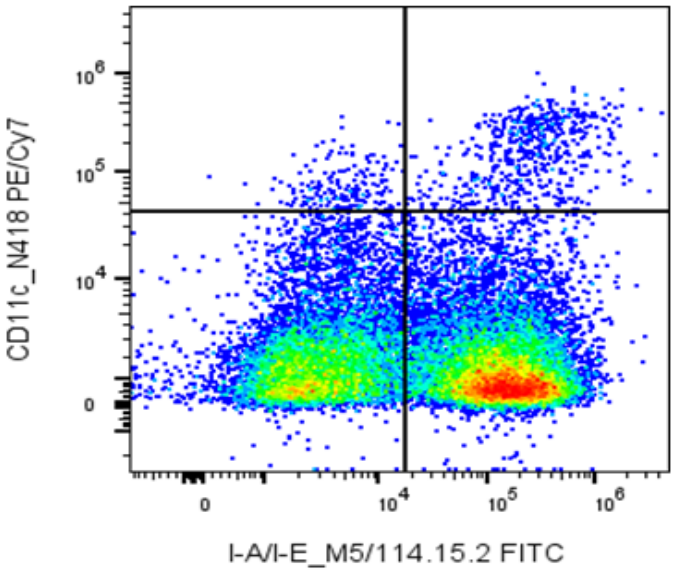
PRODUCT DETAILS

Clone:	N418-mG1
Application:	Flow Cytometry
Reactivity:	Mouse
Format:	PE/Cyanine7
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 5 uL 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. PE/Cyanine7 has an excitation max at 565 nm and an emission max at 774 nm.
Excitation Laser:	Blue Laser (488 nm) Green/Yellow laser (532/561nm)
Isotype Controls:	301429
Antibody Family:	Mouse Antibodies

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.

PRODUCT DATA



Mouse splenocytes were stained with FITC anti-Mouse I-A/I-E clone M5/114. 15. 2 and PE/Cy7 anti- Mouse CD11cclone N418-m G1.