

Technical Data Sheet

Anti-Mouse CD11c

Catalog Number: 201601, 201602

Size: 100 ug, 500 ug

Target Name: CD11c, integrin α X chain, CR4, ITGAX, p150

Regulatory Status: RUO

Product Details

Clone: N418

Application: FC

Reactivity: Mouse

Format: Purified

Isotype: Armenian Hamster IgG

Antibody Type: Monoclonal

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide

Protein Concentration: 0.5 mg/mL

Storage and Handling: The antibody solution should be stored between 2°C and 8°C

Background Information

CD11c (Integrin α X, CR4, p150) is a ~150 kDa type I transmembrane glycoprotein that pairs non-covalently with β 2 integrin (CD18) to form the α X β 2 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.