

Datasheet for ABIN2567162
anti-CD11c antibody (violetFluor™ 450)



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Overview

Quantity:	0.1 mg
Target:	CD11c (ITGAX)
Reactivity:	Mouse
Host:	Hamster
Clonality:	Monoclonal
Conjugate:	This CD11c antibody is conjugated to violetFluor™ 450
Application:	Flow Cytometry (FACS)

Product Details

Clone:	N418
Isotype:	IgG
Specificity:	The N418 monoclonal antibody specifically reacts with the integrin α x chain of the mouse CD11c, which is expressed on dendritic cells, CD4-/CD8+ intestinal intraepithelial lymphocytes (IEL) and some activated T lymphocytes.
Purification:	The monoclonal antibody was purified utilizing affinity chromatography and unreacted dye was removed from the product.

Target Details

Target:	CD11c (ITGAX)
Alternative Name:	CD11c (ITGAX Products)
Background:	The N418 monoclonal antibody specifically reacts with the integrin α x chain of the mouse

Target Details

CD11c, which is expressed on dendritic cells, CD4-/CD8+ intestinal intraepithelial lymphocytes (IEL) and some activated T lymphocytes. Low levels of CD11c were detected on mouse splenic natural killer cells and on the monocyte/macrophage lineage cells. CD11c expression is upregulated on IEL and T lymphocytes after activation. It binds to CD54, fibrinogen and iC3b and influences the leukocyte adhesive interactions. The N418 antibody binds to CD11c on splenic dendritic cells of the mouse in the T-dependent areas. It also contributes to the binding of iC3b. BG Violet 450 conjugate is an alternative to the Pacific Blue, eFluor 450, or BD Horizon V450 dyes. It is excited by the violet (405 nm) laser, with a peak emission of 450nm.

Gene ID:	16411
UniProt:	Q9QXH4
Pathways:	Complement System , Activated T Cell Proliferation , Integrin Complex

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.2 mg/mL
Buffer:	Phosphate-buffered aqueous solution, ≤0.09 % Sodium azide, may contain carrier protein/stabilizer, pH7.2.
Storage:	4 °C
Storage Comment:	The product should be stored undiluted at 4°C and should be protected from prolonged exposure to light. Do not freeze.