

anti-human CD11c PE-conjugated

The antibody BU15 reacts with CD11c (α X, p150), a 150 kDa integrin expressed mainly on dendritic cells and tissue macrophages.

CD11c (p150, α X integrin subunit) forms complex with CD18 (β 2 integrin subunit) and is expressed mainly on tissue macrophages and dendritic cells. CD11c binds to complement fragment iC3b, fibrinogen, VCAM-1 and ICAM-2 or e.g. CD90. Like other β 2 integrins, CD11c/CD18 plays roles in cell migration and phagocytosis. Moreover, interaction of CD11c/CD18 with plasminogen regulates plasmin activities, and interaction with heparin counteracts binding of iC3b.

Clone:	BU15
Isotype:	Mouse IgG1
Physical state:	Liquid for direct use
Form:	purified antibody conjugated with R-Phycoerythrin (R-PE)
Buffer:	PBS containing 1% BSA and 0.1% sodium azide (pH 7.4)
Storage:	Store at 4 °C. Do not freeze. Avoid prolonged exposure to light.
Application:	Flow Cytometry
Reference:	Rezzonico R, Imbert V, Chicheportiche R, Dayer J.M. Blood. 2001 May 15;97(10):2932-40. Leukocyte Typing VI., Kishimoto T. et al. (Eds.), Garland Publishing Inc. (1997)
Quantity:	1.0 ml
Order N°:	H12462P

Warning: Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32).

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