

anti-human CD11c

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:	Purified by protein-A chromatography
Purity:	> 95% (by SDS-PAGE)
Buffer:	PBS with 15 mM sodium azide (pH 7.4)
Storage Instruction:	Store at 4 °C. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.
Application:	Flow Cytometry, Immunohistochemistry (frozen sections), Immunoprecipitation
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:	0.1 mg
Order N°:	H12462

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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