

anti-human CD11b FITC-conjugated

The antibody LT11 recognizes CD11b antigen (Mac-1), a 165 kDa type I transmembrane protein mainly expressed on monocytes, granulocytes and NK-cells. The CD11b mediates neutrophil and monocyte interactions with stimulated endothelium.

CD11b is implicated in various adhesive interactions of monocytes, macrophages and granulocytes as well as in mediating the uptake of complement coated particles. It is identical to CR3, the receptor for the iC3b fragment of the third complement component. It probably recognizes the RGD peptide in C3b. CD11b is also a receptor of fibrinogen gamma chain. The Mac1 CD11b antigen is present on macrophages, granulocytes, natural killer cells, blood monocytes. CD11b is expressed on 8% spleen cells, 44% bone marrow cells and less than 1% of thymocytes and is commonly used as a microglial marker in nervous tissue.

Clone:	LT11
Isotype:	Mouse IgG1
Physical state:	Liquid for direct use
Form:	purified antibody conjugated with Fluorescein isothiocyanate (FITC)
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:	Leukocyte Typing VI. Kishimoto T. et al. (Eds.), Garland Publishing Inc. (1997)
Quantity:	1.0 ml
Order N°:	H12492F

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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