

## anti-human CD11b

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.

<b>Clone:</b>	LT11
<b>Isotype:</b>	Mouse IgG1
<b>Physical state:</b>	Purified by protein-A chromatography
<b>Purity:</b>	> 90% (by SDS-PAGE)
<b>Buffer:</b>	20 mM TRIS-HCl containing 0.1% sodium azide (pH 7.4)
<b>Storage Instruction:</b>	Store at 4 °C. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.
<b>Application:</b>	Flow Cytometry
<b>Reference:</b>	Leukocyte Typing VI. Kishimoto T. et al. (Eds.), Garland Publishing Inc. (1997)
<b>Quantity:</b>	0.1 mg
<b>Order N°:</b>	H12492

**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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