

11-7547: Polyclonal Antibody to CD11C

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| Clonality : | Polyclonal |
| Application : | WB |
| Reactivity : | Human |
| Gene : | ITGAX |
| Gene ID : | 3687 |
| Uniprot ID : | P20702 |
| Format : | Purified |
| Alternative Name : | ITGAX,CD11C |
| Isotype : | Rabbit IgG |
| Immunogen Information : | A partial length recombinant CD11c protein (amino acids 620-835) was used as the immunogen for this antibody. |

Description

CD11c/CD18 is a monocyte/macrophage-enriched integrin that has been reported to bind to a variety of ligands. These include cell surface proteins (LPS, ICAM-1, ICAM-2, ICAM-4 and VCAM-1), extracellular matrix proteins (collagen I), and soluble ligands (iC3b, heparin and fibrinogen). It is expressed in macrophages, monocytes, granulocytes, subsets of T and B cells, and dendritic cells. CD11c functions as a cell surface receptor for numerous soluble factors and proteins. The interaction mediates leukocyte interactions with other cell types and is a signal transducing receptor. It is found primarily on myeloid cells, where its expression is regulated both during differentiation and during monocyte maturation into tissue macrophages.

Product Info

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| Amount : | 25 µg / 100 µg |
| Purification : | Protein A Chromatography |
| Content : | 25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic. |
| Storage condition : | Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles. |

Application Note

Western blot analysis: 1-2 µg/ml

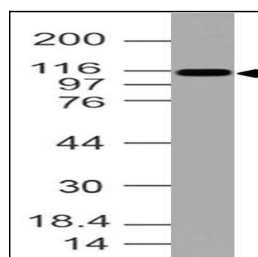


Fig-1: Expression analysis of CD11C. Anti-CD11C antibody (11-7547) was used at 1 µg/ml on THP1 lysate.