

11-7547: Polyclonal Antibody to CD11C

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 (αXβ2, p150/95, or complement receptor 4, CR4) 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

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

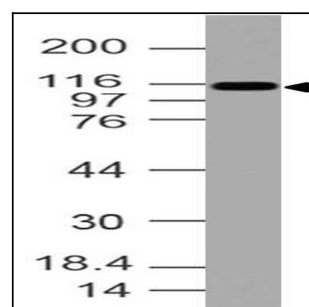


Fig-1: Expression analysis of CD11C. Anti-CD11C antibody (11-7547) was used at 1 µg/ml on THP1 lysate.