

CD11c (PN0454) Nb-FC recombinant antibody

Catalog No :	YA0048
Reactivity :	Human
Applications :	FCM;ELISA
Target :	CD11c
Gene Name :	ITGAX CD11C
Protein Name :	Integrin alpha-X (CD11 antigen-like family member C) (Leu M5) (Leukocyte adhesion glycoprotein p150,95 alpha chain) (Leukocyte adhesion receptor p150,95) (CD antigen CD11c)
Human Gene Id :	3687
Human Swiss Prot No :	P20702
Immunogen :	Purified recombinant Human CD11c
Specificity :	This recombinant monoclonal antibody can detects endogenous levels of CD11c protein.
Formulation :	Phosphate-buffered solution
Source :	Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell
Dilution :	ELISA 1:5000-100000;FCM 1-2µg/Test
Purification :	Recombinant Expression and Affinity purified
Concentration :	Please check the information on the tube
Storage Stability :	-15°C to -25°C/2 year(Avoid freeze / thaw cycles)
Cell Pathway :	Regulates Actin and Cytoskeleton;

Background : This gene encodes the integrin alpha X chain protein. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This protein combines with the beta 2 chain (ITGB2) to form a leukocyte-specific integrin referred to as inactivated-C3b (iC3b) receptor 4 (CR4). The alpha X beta 2 complex seems to overlap the properties of the alpha M beta 2 integrin in the adherence of neutrophils and monocytes to stimulated endothelium cells, and in the phagocytosis of complement coated particles. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2013],

Function : domain:The integrin I-domain (insert) is a VWFA domain. Integrins with I-domains do not undergo protease cleavage.,function:Integrin alpha-X/beta-2 is a receptor for fibrinogen. It recognizes the sequence G-P-R in fibrinogen. It mediates cell-cell interaction during inflammatory responses. It is especially important in monocyte adhesion and chemotaxis.,similarity:Belongs to the integrin alpha chain family.,similarity:Contains 1 VWFA domain.,similarity:Contains 7 FG-GAP repeats.,subunit:Heterodimer of an alpha and a beta subunit. Alpha-X associates with beta-2.,tissue specificity:Predominantly expressed in monocytes and granulocytes.,

Subcellular Location : Membrane; Single-pass type I membrane protein.

Expression : Predominantly expressed in monocytes and granulocytes

Products Images