



CD11c Rabbit mAb

| | |
|------------------------------------|---|
| Catalog No | YP-rAb-17021 |
| Isotype | IgG |
| Reactivity | Mouse |
| Applications | WB,IHC,IF,ELISA |
| 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) |
| Purification Process | Protein A |
| Specificity | Endogenous |
| Formulation | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA |
| Source | Monoclonal, Rabbit,IgG |
| Dilution | IHC 1:100-1:500; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0 |
| Concentration | 0.5 mg/ml |
| Purity | ≥90% |
| Storage Stability | -15° C to -25° C/1 year(Do not lower than -25° C) |
| Synonyms | 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 ; |
| Observed Band | 128kD |
| Calculated Molecular Weight | 128kD |
| Cell Pathway | Membrane; Single-pass type I membrane protein. |
| Tissue Specificity | Predominantly expressed in monocytes and granulocytes. |
| 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., |





Background

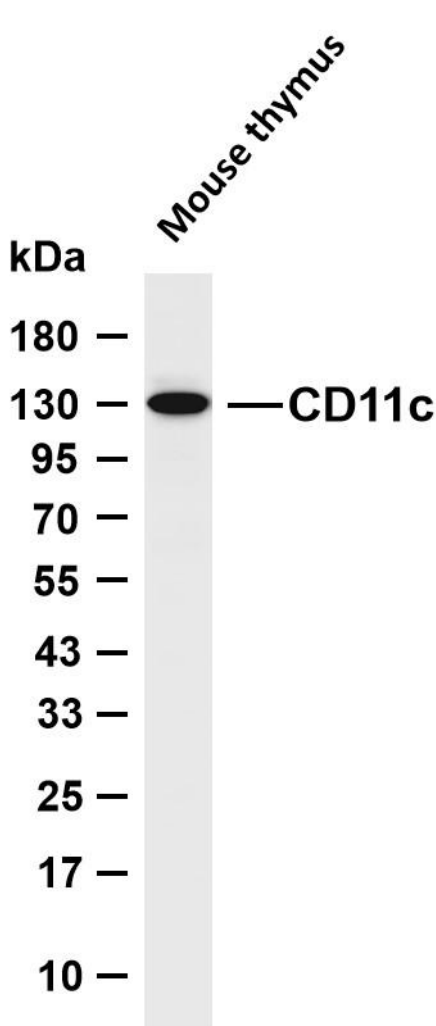
integrin subunit alpha X(ITGAX) Homo sapiens This gene encodes the integrin alpha X chain protein. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This protein combines with the beta 2 chain (ITGB2) to form a leukocyte-specific integrin referred to 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],

matters needing attention

Avoid repeated freezing and thawing!

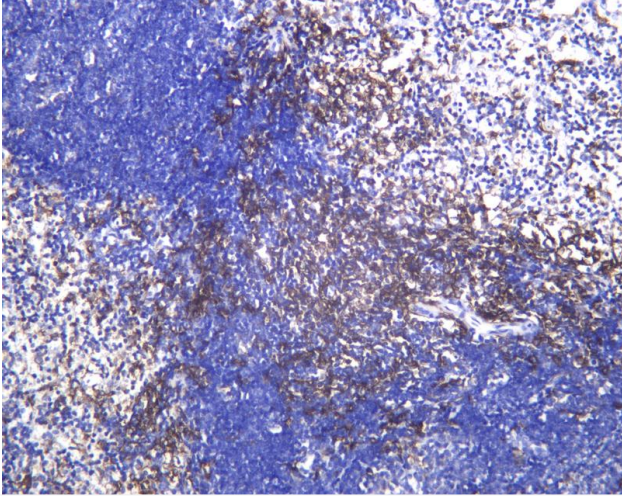
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-CD11c antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: Mouse thymus Predicted band size: 128kDa Observed band size: 128kDa





Mouse spleen was stained with anti-CD11c Rabbit antibody

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