

Datasheet for ABIN1538743
anti-CD11c antibody (N-Term)



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1 Image

Overview

Quantity:	400 µL
Target:	CD11c (ITGAX)
Binding Specificity:	AA 246-274, N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This ITGAX/CD11c antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 246-274 amino acids from the N-terminal region of human ITGAX/CD11c.
Clone:	428CT12-2-6-4
Isotype:	IgG1
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	CD11c (ITGAX)
Alternative Name:	ITGAX/CD11c (ITGAX Products)
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

Target Details

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.

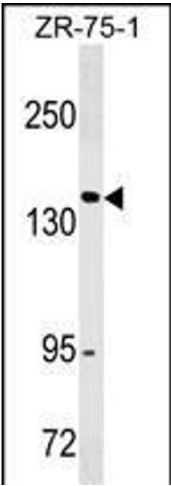
Molecular Weight:	127829
Gene ID:	3687
NCBI Accession:	NP_000878
UniProt:	P20702
Pathways:	Complement System , Activated T Cell Proliferation , Integrin Complex

Application Details

Application Notes:	WB: 1:100~500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	ITGAX/CD11c Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. ITGAX/CD11c Antibody (N-term) (ABIN1538743 and ABIN2843834) western blot analysis in ZR-75-1 cell line lysates (35 µg/lane). This demonstrates the ITGAX/CD11c antibody detected the ITGAX/CD11c protein (arrow).