Datasheet for ABIN3024275

anti-CD11c antibody

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Overview

Quantity:	100 µg
Target:	CD11c (ITGAX)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD11c antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), Blocking Reagent (BR)

Product Details

Immunogen:	Human monocytic U937 phorbol ester-treated cells were used as the immunogen for this CD11c antibody.
Clone:	HC1-1
Isotype:	IgG1 kappa
Purification:	Protein G affinity chromatography

Target Details

Target:	CD11c (ITGAX)
Alternative Name:	CD11c (ITGAX Products)
Background:	CD11c, also known as Integrin alpha X (complement component 3 receptor 4 subunit) (ITGAX), is a type I transmembrane protein found at high levels on most human dendritic cells, but also on monocytes, macrophages, neutrophils, and some B cells that induces cellular activation and

Target Details

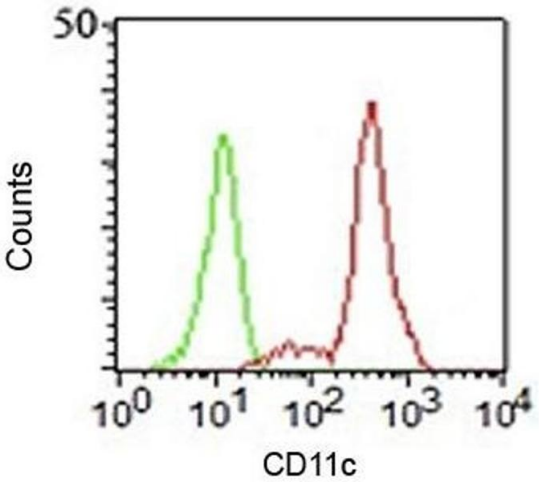
	helps trigger neutrophil respiratory burst, expressed in hairy cell leukemias, acute non-lymphocytic leukemias, and some B-cell chronic lymphocytic leukemias.
Gene ID:	3687
Pathways:	Complement System, Activated T Cell Proliferation, Integrin Complex

Application Details

Application Notes:	The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the CD11c antibody to be titered up or down for optimal performance.\. FACS: 0.5-1 µg/million cells,IF: 0.5-1 µg/mL,Functional Activity (Blocking): order BSA/azide free format,
Restrictions:	For Research Use only

Handling

Concentration:	0.2 mg/mL
Buffer:	0.2 mg/mL in 1X PBS with 0.1 mg/mL BSA (US sourced) and 0.05 % 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:	Store the CD11c antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).



Flow Cytometry

Image 1. FACS staining of human PBMCs using CD11c antibody (HC1/1).

