

Datasheet for ABIN6939817

anti-CD11c antibody**1** Image[Go to Product page](#)

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), Functional Studies (Func)

Product Details

Immunogen:	Human monocytic U937 phorbol ester-treated cells
Clone:	HC1-1
Isotype:	IgG1 kappa
Purification:	Purified by Protein A/G

Target Details

Target:	CD11c (ITGAX)
Alternative Name:	ITGAX (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 helps trigger neutrophil respiratory burst, expressed in hairy cell leukemias, acute non-

Target Details

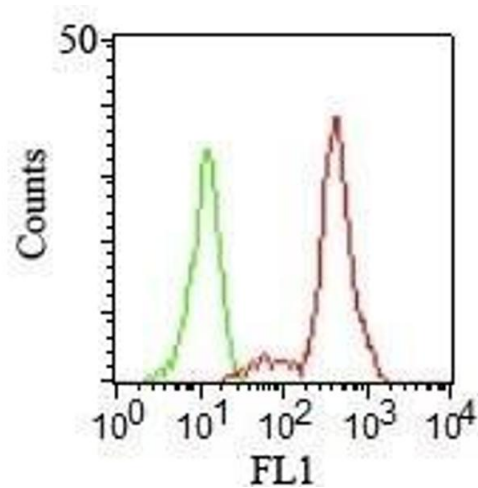
	lymphocytic leukemias, and some B-cell chronic lymphocytic leukemias.
Molecular Weight:	145kDa
Gene ID:	3687
UniProt:	P20702
Pathways:	Complement System , Activated T Cell Proliferation , Integrin Complex

Application Details

Application Notes:	Positive Control: Human dendritic cells. Human lymph nodes and tonsils. Known Application: Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (0.5-1 µg/mL), Functional Studies (Order Ab without BSA & Azide), Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % 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,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



Flow Cytometry

Image 1. FCM staining of human PBMCs using CD11c Monoclonal Antibody (HC1/1).