

Datasheet for ABIN6182248
anti-CD11c antibody (CF®647)



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Overview

Quantity:	100 µL
Target:	CD11c (ITGAX)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD11c antibody is conjugated to CF®647
Application:	Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Purpose:	Mouse Monoclonal anti-CD11c (HC1/1), CF647 Conjugate
Immunogen:	Human monocytic U937 phorbol ester-treated cells
Clone:	HC1-1
Isotype:	IgG1 kappa
Characteristics:	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-lymphocytic leukemias, and some B-cell chronic lymphocytic leukemias. Primary antibodies are available purified, or with a selection of fluorescent CF® dyes and other labels. CF® dyes offer exceptional brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because

Product Details

blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

Target Details

Target:	CD11c (ITGAX)
Alternative Name:	CD11c (ITGAX Products)
Molecular Weight:	145 kDa
Gene ID:	3687, 248472
UniProt:	P20702
Pathways:	Complement System , Activated T Cell Proliferation , Integrin Complex

Application Details

Application Notes:	Immunofluorescence 0.5-1 µg/mLFlow Cytometry 0.5-1 µg/million cells/0.1 mL
Comment:	Human dendritic cells. Human lymph nodes and tonsils.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	100 µg/mL
Buffer:	PBS/0.1 % 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.
Handling Advice:	Protect from light