

## Anti-CD11c (Dendritic Cell Marker) ITGAX Monoclonal Antibody

Catalog Number: M00357

### About ITGAX

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.

### Overview

Product Name	Anti-CD11c (Dendritic Cell Marker) ITGAX Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-CD11c (Dendritic Cell Marker) ITGAX Monoclonal Antibody (Catalog # M00357). Tested in Flow Cytometry, IF, Functional Assay applications. This antibody reacts with Human.
Conjugate	Biotin
Application	Flow Cytometry, IF, Functional Assay
Clonality	Monoclonal Clone: HC1/1
Formulation	Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage Instructions	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.
Host	Mouse
Uniprot ID	P20702

### Technical Details

Immunogen	Human monocytic U937 phorbol ester-treated cells
Predicted Reactive Species	Bovine, Canine, Mouse, Orangutan, Pig, Rabbit, Rat, Deer
Isotype	IgG1, kappa
Form	Liquid
Concentration	Purified antibody with BSA and azide at 200ug/ml
Purification	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A/G.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this

kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

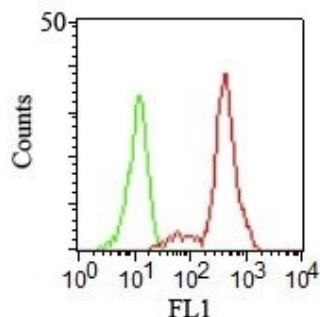
Flow Cytometry (1-2ug/million cells)

Immunofluorescence (1-2ug/ml)

Functional Studies (Order Ab without BSA & Azide)

Optimal dilution for a specific application should be determined.

## Anti-CD11c (Dendritic Cell Marker) ITGAX Monoclonal Antibody (M00357) Images



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

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