

CD11c (Dendritic Cell Marker) Antibody

Mouse Monoclonal Antibody [Clone HC1/1]

Catalog No	Format	Size
3687-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
3687-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
3687-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

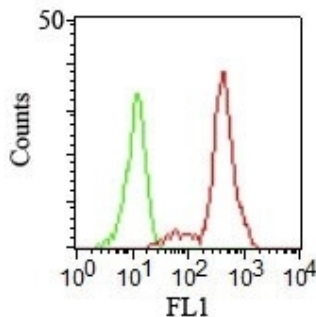
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	

Product Details

Clone	HC1/1
Gene Name	ITGAX
Immunogen	Human monocytic U937 phorbol ester-treated cells
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	145kDa
Cellular Localization	Membrane
Species Reactivity	Human
Positive Control	Human dendritic cells. Human lymph nodes and tonsils.

*Optimal dilution for a specific application should be determined.

Product Images for CD11c (Dendritic Cell Marker) Antibody



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

Specificity & Comments

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.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

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.

Research Areas

Immunology, AKT Signaling, Complement System, Cytokine Signaling, Dendritic Cell Marker, Hematopoietic Stem Cells

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.