

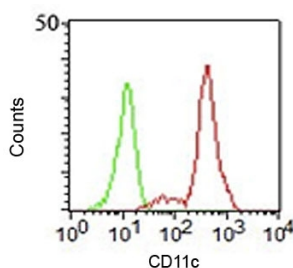
## CD11c Antibody [clone HC1/1] (V2162)

Catalog No.	Formulation	Size
V2162-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2162-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2162SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

 Citations (6)

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<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	HC1/1
<b>Purity</b>	Protein G affinity chromatography
<b>Buffer</b>	1X PBS, pH 7.4
<b>Gene ID</b>	3687
<b>Localization</b>	Cell surface, cytoplasmic
<b>Applications</b>	Flow Cytometry : 0.5-1ug/10 <sup>6</sup> cells Immunofluorescence : 0.5-1ug/ml Functional Studies (order BSA/sodium Azide-free Format) :
<b>Limitations</b>	This <b>CD11c antibody</b> is available for research use only.



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

## Description

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.

## 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.

## Immunogen

Human monocytic U937 phorbol ester-treated cells were used as the immunogen for this CD11c antibody.

## Storage

Store the CD11c antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

## References (2)