

Mouse CD11c Antibody | anti-CD11c antibody

Anti-Hu CD11c FITC

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128452	Mouse	Human, Monkey	Flow Cytometry, Functional Assay

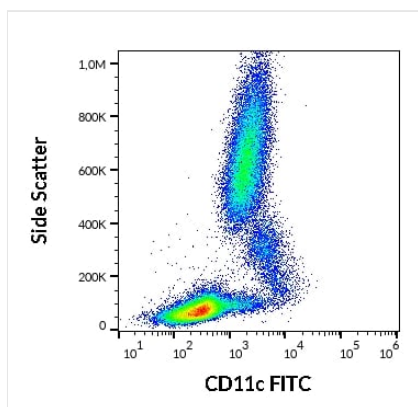
PRODUCT SYNONYMS

CD11c; Anti-Hu CD11c FITC; integrin subunit alpha X; Integrin alpha X; ITGAX; SLEB6; anti-CD11c antibody

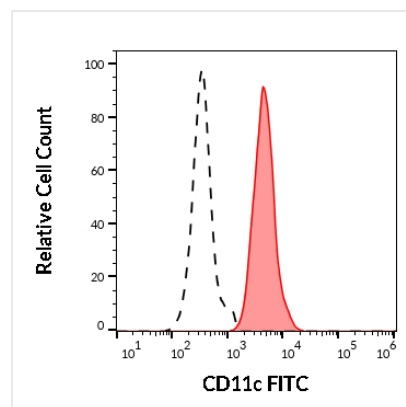
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Monkey
Isotype	IgG1
Clone Number	BU15
Specificity	The antibody BU15 reacts with an extracellular epitope of CD11c (alphaX, p150), a 150 kDa integrin expressed mainly on dendritic cells and tissue macrophages.
Purity/Purification	The purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Sequence Length	1163
Applicable Applications for anti-CD11c antibody	FCM/FACS (Flow Cytometry)
Immunogen	Dendritic cells of synovial fluid
Conjugation	FITC
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.

IMAGES


FCM/FACS (Flow Cytometry)

Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD11c (BU15) FITC antibody (20 ul reagent / 100 ul of peripheral whole blood).


FCM/FACS (Flow Cytometry)

Separation of human monocytes (red-filled) from CD11c negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD11c (BU15) FITC antibody (20 ul reagent / 100 ul of peripheral whole blood).

ADDITIONAL INFORMATION

Related Product Information for anti-CD11c antibody	CD11c (p150, alphaX integrin subunit) forms complex with CD18 (beta2 integrin subunit) and is expressed mainly on tissue macrophages and dendritic cells. CD11c binds to complement fragment iC3b, fibrinogen, VCAM-1 and ICAM-2 or e.g. CD90. Like other beta2 integrins, CD11c/CD18 plays roles in cell migration and phagocytosis. Moreover, interaction of CD11c/CD18 with plasminogen regulates plasmin activities, and interaction with heparin counteracts binding of iC3b.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	34452173
NCBI GeneID	3687
NCBI Accession #	NP_000878.2
NCBI GenBank Nucleotide #	NP_000878.2
UniProt Accession #	P20702
NCBI Official Full Name	integrin alpha-X isoform 2
NCBI Official Synonym Full Names	integrin subunit alpha X
NCBI Official Symbol	ITGAX
NCBI Official Synonym Symbols	CD11C; SLEB6
NCBI Protein Information	integrin alpha-X
UniProt Protein Name	Integrin alpha-X
UniProt Gene Name	ITGAX
UniProt Synonym Gene Names	CD11C
UniProt Entry Name	ITAX_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-human-monkey-antibody/cd11c/128452>