

anti-Mouse CD11c Monoclonal Antibody | anti-CD11c antibody

Anti-Mouse CD11c Monoclonal Antibody (AF488 Conjugated) [N418]

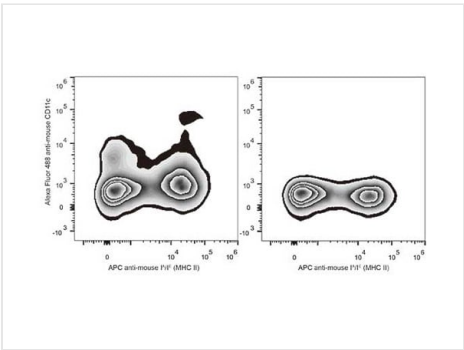
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174729	Armenian Hamster	Mouse	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD11c; Monoclonal Antibody; Anti-Mouse CD11c Monoclonal Antibody (AF488 Conjugated) [N418]; Integrin alpha-X; Itgax; CD11 antigen-like family member C; Leukocyte adhesion receptor p150+95; anti-CD11c antibody

PRODUCT SPECIFICATIONS

Host	Armenian Hamster
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Armenian Hamster IgG
Clone Number	N418
Form/Format	Liquid; PBS with 0.05% Proclin300, 1% BSA
Concentration	0.5 mg/mL (varies by lot)
Applicable Applications for anti-CD11c antibody	FCM/FACS (Flow Cytometry)
Important Note	Centrifuge before opening to ensure complete recovery of vial contents.
Isotype	AF488 Armenian Hamster IgG Isotype Control[PIP]
Conjugation	AF488
Usage	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results or refer to the dilution we used in the experiment.
Preparation and Storage	Ships on blue ice. Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.



FCM/FACS (Flow Cytometry)
C57BL/6 murine splenocytes are stained with Anti-Mouse CD11c Monoclonal Antibody(AF488 Conjugated) and Anti-Mouse MHC II (I-A/I-E) Monoclonal Antibody(APC Conjugated). Splenocytes stained with Anti-Mouse MHC II (I-A/I-E) Monoclonal Antibody(APC Conjugated)(Right) are used as control

ADDITIONAL INFORMATION

Related Product Information for anti-CD11c antibody	CD11c is a 150 kD glycoprotein also known as alphaX integrin, CR4, and p150. CD11c forms a alphaXbeta2 heterodimer with beta2 integrin (CD18). It is primarily expressed on dendritic cells, NK cells, a subset of intestinal intraepithelial lymphocytes (IEL), and some activated T cells. The alphaXbeta2 integrin plays an important role in cell-cell contact by binding its ligands: iC3b, fibrinogen and CD54.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10946646
NCBI GeneID	16411
NCBI Accession #	NP_067309.1
NCBI GenBank Nucleotide #	NP_067309.1
UniProt Accession #	Q9QXH4
NCBI Official Full Name	integrin alpha-X isoform 1
NCBI Official Synonym Full Names	integrin alpha X
NCBI Official Symbol	Itgax
NCBI Official Synonym Symbols	Cr4; N418; Cd11c; AI449405
NCBI Protein Information	integrin alpha-X
UniProt Protein Name	Integrin alpha-X
UniProt Gene Name	Itgax
UniProt Entry Name	ITAX_MOUSE

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.