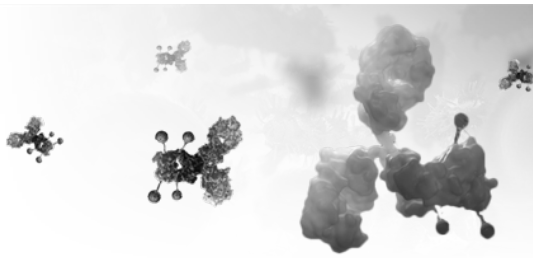

Anti-ITGAX monoclonal antibody, clone N418 [FITC] (CABT-45503HM)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Hamster anti Mouse CD11c antibody, clone N418 recognizes the murine homolog of human CD11c, a 150/90kDa member of the beta 2 integrin family. In mice, CD11c is primarily expressed by dendritic cells. Hamster anti Mouse CD11c antibody, clone N418 has been reported to enhance antigen specific responses when used to target dendritic cells in vivo. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors.
Specificity	ITGAX
Immunogen	Mouse spleen dendritic cells.
Isotype	IgG
Source/Host	Hamster
Species Reactivity	Mouse
Clone	N418
Conjugate	FITC
Applications	FC
Format	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Size	25 µg
Preservative	See individual product datasheet
Storage	in frost-free freezers is not recommended. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody.

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Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	Itgax integrin alpha X [Mus musculus (house mouse)]
Official Symbol	ITGAX
Synonyms	ITGAX; integrin alpha X; Cr4; N418; Cd11c; AI449405; integrin alpha-X; integrin aX; complement receptor 4; CD11C (p150) alpha polypeptide; CD11 antigen-like family member C; leukocyte adhesion receptor p150,95; leukocyte adhesion glycoprotein p150,95 alph
Entrez Gene ID	16411
Protein Refseq	NP_067309
UniProt ID	Q9QXH4
Chromosome Location	7 F3; 7
Pathway	Cell surface interactions at the vascular wall; ECM proteoglycans; Extracellular matrix organization; Focal Adhesion; Hemostasis; Integrin cell surface interactions; Integrin-mediated cell adhesion; Regulation of actin cytoskeleton;
Function	metal ion binding;

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