

Product datasheet for **AM32414SU-N**

CD11c (ITGAX) Mouse Monoclonal Antibody [Clone ID: FK24]

Product data:

Product Type:	Primary Antibodies
Clone Name:	FK24
Applications:	IF, IHC
Recommended Dilution:	Immunocytochemistry. Immunofluorescence. <i>Recommended Dilutions:</i> 1/5, Dilute antibody preferably in PBS plus 1% BSA and 0.01% Sodium Azide. <i>Note:</i> This antibody can be used for the identification of CD11c-positive cells using Immunofluorescence or immunoperoxidase procedures. It can thus be used for the identification of monocytes and granulocytes using either Immunofluorescence or immunoperoxidase procedures. In addition it seems useful for identification of myelomonocytic and monocytic leukemias.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	The antibody reacts with the alpha chain the 150 kD molecule of the CD11c/CD18 Integrin complex (g150/95) which is expressed on monocytes and in a lower density on granulocytes and NK-cells of peripheral blood. It also reacts with many myelomonocytic and monocytic leukemias and (weakly) with part of the T8 positive cells (OKM1-like). The Integrins are important molecules in cellular adhesion and cellular interactions.
Formulation:	State: Ascites State: Liquid diluted Ascites
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	integrin subunit alpha X
Database Link:	Entrez Gene 3687 Human P20702



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Background: Integrin alpha-X/beta-2 is a receptor for fibrinogen. It recognizes the sequence G-P-R in fibrinogen. It mediates cell-cell interaction during inflammatory responses. It is especially important in monocyte adhesion and chemotaxis.

Synonyms: ITGAX, Integrin alpha-X, Leu M5