ITGAX monoclonal antibody, clone FK24

Catalog # MAB2530 Size

Specification

Product Description	Mouse monoclonal antibody raised against native ITGAX.
Immunogen	AML-blasts.
Host	Mouse
Specificity	This 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 p eripheral blood. It also reacts with many myelomonocytic and monocytic leukemias and (weakly) with part of the T8 positive cells (OKM1-like).
Form	Liquid
Isotype	IgG1
Quality Control Testing	Antibody Reactive Against Native Purified Protein.
Recommend Usage	Immunofluorescence (1:5) Immunocytochemistry (1:5) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (1% BSA, 0.01% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Frozen sections)
- Immunofluorescence

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- Immunocytochemistry

Gene Info — ITGAX

Entrez GeneID	3687
Gene Name	ITGAX
Gene Alias	CD11C, SLEB6
Gene Description	integrin, alpha X (complement component 3 receptor 4 subunit)
Omim ID	151510
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the integrin alpha X chain protein. Integrins are heterodimeric integral membr ane proteins composed of an alpha chain and a beta chain. This protein combines with the beta 2 chain (ITGB2) to form a leukocyte-specific integrin referred to as inactivated-C3b (iC3b) receptor 4 (CR4). The alpha X beta 2 complex seems to overlap the properties of the alpha M beta 2 integ rin in the adherence of neutrophils and monocytes to stimulated endothelium cells, and in the phag ocytosis of complement coated particles. [provided by RefSeq
Other Designations	OTTHUMP00000163299|integrin alpha X|integrin, alpha X (antigen CD11C (p150), alpha polype ptide)|leu M5, alpha subunit|leukocyte surface antigen p150,95, alpha subunit|myeloid membrane antigen, alpha subunit|p150 95 integrin alpha chain

Pathway

- Regulation of actin cytoskeleton

Disease

- Genetic Predisposition to Disease
- Helicobacter Infections
- Lupus Erythematosus
- Stomach Ulcer

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