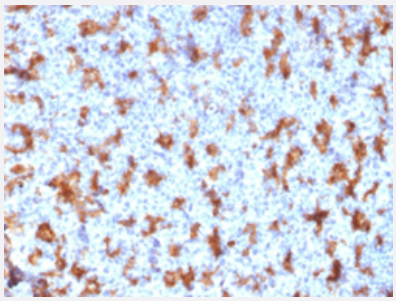
ITGAX monoclonal antibody, clone ITGAX/2507

Catalog # MAB21113 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human tonsil.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant protein of human ITGAX.
Immunogen	Recombinant protein corresponding to amino acids 637-827 of human ITGAX.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA and 0.05% azide).
Storage Instruction	Store at 2 to 8°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of human tonsil.

Gene Info — ITGAX

Entrez GeneID	3687
Protein Accession#	P20702
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

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- Lupus Erythematosus
- Stomach Ulcer

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