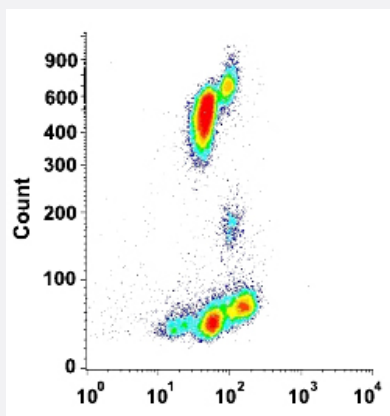


ITGAL monoclonal antibody, clone HI111 (PerCP)

Catalog # MAB13793 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of human peripheral blood lymphocytes with ITGAL monoclonal antibody, clone HI111 (PerCP) (Cat # MAB13793).

Specification

Product Description	Mouse monoclonal antibody raised against native human ITGAL.
Immunogen	Human CD11a.
Host	Mouse
Theoretical MW (kDa)	180
Reactivity	Human
Form	Liquid
Conjugation	PerCP
Purification	Protein A/G purification
Purity	>90%
Isotype	IgG1, kappa

Recommend Usage	Blocking Flow Cytometry (20 μ L/ 10^6 cells) Immunohistochemistry (Frozen sections) Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (protein stabilizer, 0.09% sodium azide).
Storage Instruction	Store in the dark at 4°C. Avoid prolonged exposure to light.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Frozen sections)
- Blocking
- Flow Cytometry

Flow cytometric analysis of human peripheral blood lymphocytes with ITGAL monoclonal antibody, clone HI111 (PerCP) (Cat # MAB13793).

Gene Info — ITGAL

Entrez GeneID	3683
Protein Accession#	P20701
Gene Name	ITGAL
Gene Alias	CD11A, LFA-1, LFA1A
Gene Description	integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide)
Omim ID	153370
Gene Ontology	Hyperlink

Gene Summary

ITGAL encodes the integrin alpha L chain. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This L-domain containing alpha integrin combines with the beta 2 chain (ITGB2) to form the integrin lymphocyte function-associated antigen-1 (LFA-1), which is expressed on all leukocytes. LFA-1 plays a central role in leukocyte intercellular adhesion through interactions with its ligands, ICAMs 1-3 (intercellular adhesion molecules 1 through 3), and also functions in lymphocyte costimulatory signaling. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

LFA-1 alpha|antigen CD11A (p180), lymphocyte function-associated antigen 1, alpha polypeptide|integrin alpha L|integrin gene promoter|lymphocyte function-associated antigen 1

Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Leukocyte transendothelial migration](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Helicobacter Infections](#)
- [Stomach Ulcer](#)