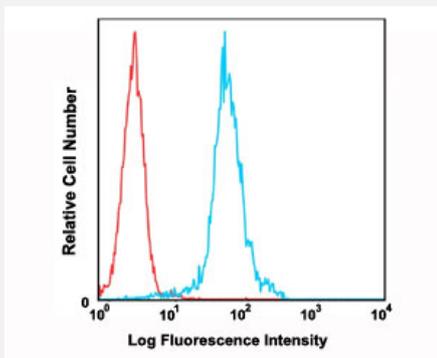


ITGAM monoclonal antibody, clone 53-6.7 (FITC)

Catalog # MAB12218 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of human peripheral blood lymphocytes using ITGAM monoclonal antibody, clone monoclonal antibody, clone 53-6.7 (FITC) (Cat # MAB12218) compared to a relevant isotype control in red.

Specification

Product Description	Mouse monoclonal antibody raised against ITGAX.
Immunogen	ITGAM
Host	Mouse
Reactivity	Human
Form	Liquid
Conjugation	FITC
Purification	Affinity Chromatography
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.2 (0.09% Sodium azide, may contain carrier protein/stabilizer).
Storage Instruction	Store in the dark at 4°C. Avoid prolonged exposure to light. Do not freeze.

Note This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- **Flow Cytometry**

Flow cytometric analysis of human peripheral blood lymphocytes using ITGAM monoclonal antibody, clone monoclonal antibody, clone 53-6.7 (FITC) (Cat # MAB12218) compared to a relevant isotype control in red.

Gene Info — ITGAM

Entrez GeneID	3684
Gene Name	ITGAM
Gene Alias	CD11B, CR3A, MAC-1, MAC1A, MGC117044, MO1A, SLEB6
Gene Description	integrin, alpha M (complement component 3 receptor 3 subunit)
Omim ID	120980
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the integrin alpha M chain. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This I-domain containing alpha integrin combines with the beta 2 chain (ITGB2) to form a leukocyte-specific integrin referred to as macrophage receptor 1 ('Mac-1'), or inactivated-C3b (iC3b) receptor 3 ('CR3'). The alpha M beta 2 integrin is important in the adherence of neutrophils and monocytes to stimulated endothelium, and also in the phagocytosis of complement coated particles. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	antigen CD11b (p170) complement component receptor 3, alpha integrin alpha M macrophage antigen alpha polypeptide neutrophil adherence receptor alpha-M subunit

Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Hematopoietic cell lineage](#)
- [Leukocyte transendothelial migration](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Autoimmune Diseases](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Helicobacter Infections](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Macular Degeneration](#)
- [Nephritis](#)
- [Stomach Ulcer](#)