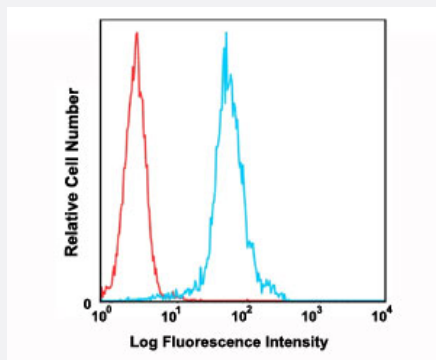


ITGAM monoclonal antibody, clone 53-6.7 (FITC)

Catalog # MAB12218 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of human peripheral blood lymphocytes using ITGAM monoclonal antibody, clone 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](#)