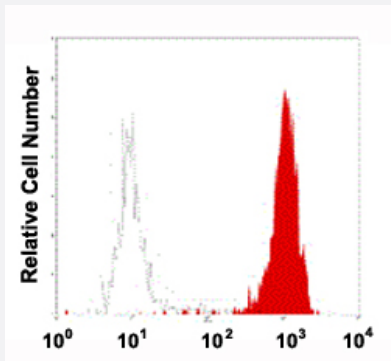


ITGAM monoclonal antibody, clone 4AM216 (PE)

Catalog # MAB12388 Size 50 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of human peripheral blood granulocytes reacted with ITGAM monoclonal antibody, clone 4AM216 (PE) (Cat # MAB12388).

Specification

Product Description	Mouse monoclonal antibody raised against human ITGAM.
Immunogen	ITGAM
Host	Mouse
Reactivity	Human
Form	Liquid
Conjugation	PE
Purification	Protein A/G affinity chromatography
Isotype	IgG1
Recommend Usage	Flow cytometry Immunofluorescence The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide, 0.2% BSA)

Storage Instruction

Store at 4°C. Do not freeze.

Note

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

Applications

- Immunofluorescence

- Flow Cytometry

Flow cytometric analysis of human peripheral blood granulocytes reacted with ITGAM monoclonal antibody, clone 4AM216 (PE) (Cat # MAB12388).

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](#)