

Datasheet

ITGAM monoclonal antibody, clone 4AM216 (FITC)

Catalog Number: MAB12387

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against human ITGAM.

Clone Name: 4AM216

Immunogen: ITGAM

Host: Mouse

Reactivity: Human

Applications: Flow Cyt, IF
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Conjugation: FITC

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.

Entrez GeneID: 3684

Gene Symbol: ITGAM

Gene Alias: CD11B, CR3A, MAC-1, MAC1A, MGC117044, MO1A, SLEB6

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]