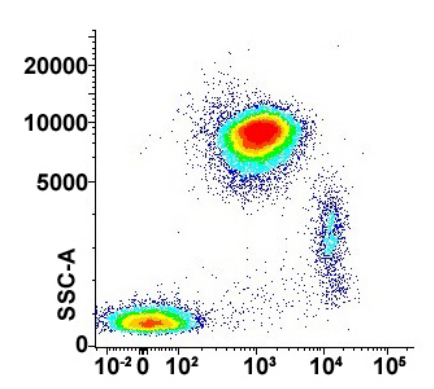
FCGR1A monoclonal antibody, clone 10.1 (APC)

Catalog # MAB15364 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of human peripheral blood cells with FCGR1A monoclonal antibody, clone 10.1 (APC) (Cat # MAB15364). Monocytes cells were used for analysis in the histogram.

Specification

Product Description	Mouse monoclonal antibody raised against human FCGR1A.
Immunogen	Human rheumatoid synovial fluid cells and fibronectin-purified monocytes.
Host	Mouse
Theoretical MW (kDa)	72
Reactivity	Human
Form	Liquid
Conjugation	APC
Purification	Affinity purification
Isotype	IgG1
Recommend Usage	Flow Cytometry (20 uL/10^6 cells) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS, pH 7.4 (protein stabilizer, 0.09% sodium azide).
Storage Instruction	Store in the dark at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Flow Cytometry

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Gene Info — FCGR1A

Entrez GeneID	2209
Protein Accession#	P12314
Gene Name	FCGR1A
Gene Alias	CD64, CD64A, FCRI, FLJ18345, IGFR1
Gene Description	Fc fragment of IgG, high affinity Ia, receptor (CD64)
Omim ID	146760
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that plays an important role in the immune response. This protein is a high-affinity Fc-gamma receptor. The gene is one of three related gene family members located on chromosome 1. [provided by RefSeq
Other Designations	Fc fragment of IgG, high affinity Ia, receptor for (CD64)|Fc gamma receptor|Fc-gamma RI|Fc-gam ma receptor I A1|IgG Fc receptor I|OTTHUMP00000013913

Pathway

- Fc gamma R-mediated phagocytosis
- Hematopoietic cell lineage
- Systemic lupus erythematosus

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Disease

- Asthma
- Chronic Disease
- Colorectal Neoplasms
- Disease Progression
- Genetic Predisposition to Disease
- Hypersensitivity
- Periodontitis
- Rhinitis

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