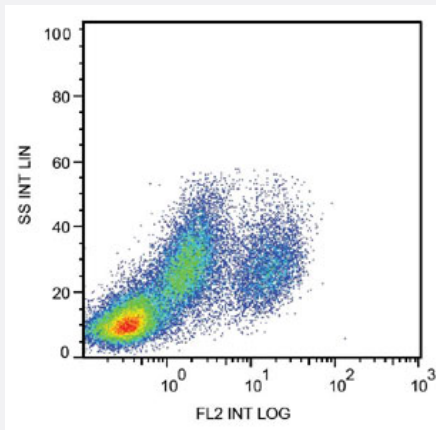


FCGR1A monoclonal antibody, clone 10.1 (PE)

Catalog # MAB10246 Size 100 Reactions

Applications



Flow Cytometry

Surface staining of human peripheral blood cells with FCGR1A monoclonal antibody, clone 10.1 (PE) (Cat # MAB12246).

Specification

Product Description	Mouse monoclonal antibody raised against of FCGR1A.
Immunogen	Rheumatoid synovial fluid cells and fibronectin purified human monocytes.
Host	Mouse
Theoretical MW (kDa)	72
Reactivity	Human, Non-Human Primates
Specificity	FCGR1A, a single chain type I glycoprotein, that is expressed on monocytes/macrophages, dendritic cells, and activated granulocytes.
Form	Liquid
Conjugation	PE
Purification	Size-exclusion chromatography purification
Isotype	IgG1

Recommend Usage	Flow Cytometry (10 uL reagent/100 uL of whole blood or 10 ⁶ cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.2% BSA, 0.09% sodium azide)
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

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunohistochemistry (Frozen sections)
- Immunocytochemistry
- Immunoprecipitation
- Functional Study
- Flow Cytometry

Surface staining of human peripheral blood cells with FCGR1A monoclonal antibody, clone 10.1 (PE) (Cat # MAB12246).

Gene Info — FCGR1A

Entrez GeneID	2209
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 R|Fc-gamma receptor IA1|IgG Fc receptor |OTTHUMP00000013913

Pathway

- [Fc gamma R-mediated phagocytosis](#)
- [Hematopoietic cell lineage](#)
- [Systemic lupus erythematosus](#)

Disease

- [Asthma](#)
- [Chronic Disease](#)
- [Colorectal Neoplasms](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)
- [Periodontitis](#)
- [Rhinitis](#)