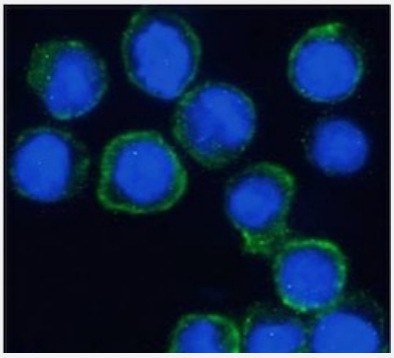
RecomAb™

FCGR1A recombinant monoclonal antibody, clone H22

Catalog # RAB03323 Size 200 ug

Applications



Immunofluorescence

Immunofluorescent staining of U937 cells with FCGR1A recombinant monoclonal antibody, clone H22 (Cat # RAB03323). Immunofluorescence analysis of paraformaldehyde fixed U937 cells on Shi-fix™ coverslips- permewith 0.15% Triton and stained with the chimeric r version of RAB03323 at 10 ug/ml for 1h followed by Alexa Fluor® 488 secondary antibody (1 ug/ml)- showing membrane staining. The nuclear stain is DAPI (blue). The isotype control was stained with an anti-Fluorescein antibody (0) followed by Alexa Fluor® 488 secondary antibody.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human FCGR1A.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human FCGR1A.
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Isotype	IgG kappa
Recommend Usage	Flow Cytometry Immunofluorescence The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% Proclin 300)

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Storage Instruction	Store at 4°C for 3 months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunofluorescence

  Immunofluorescent staining of U937 cells with FCGR1A recombinant monoclonal antibody, clone H22 (Cat # RAB03323). Immunofluorescence analysis of paraformaldehyde fixed U937 cells on Shi-fix™ coverslips- permewith 0.15% Triton and stained with the chimeric r version of RAB03323 at 10 ug/ml for 1h followed by Alexa Fluor® 488 secondary antibody (1 ug/ml)- showing membrane staining. The nuclear stain is DAPI (blue). The isotype control was stained with an anti-Fluorescein antibody (0) followed by Alexa Fluor® 488 secondary antibody.

- Flow Cytometry

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 RI|Fc-gamma 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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