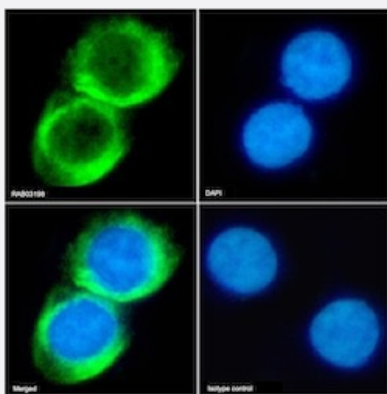


RecomAb™

FCER2 recombinant monoclonal antibody, clone CAT-13.9C1

Catalog # RAB03198 Size 200 ug

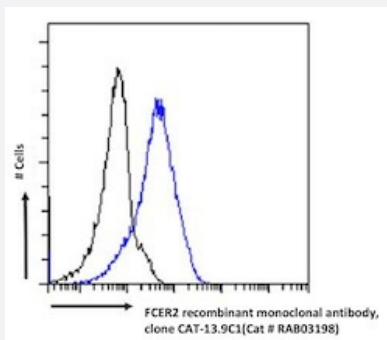
Applications



Immunofluorescence

Immunofluorescent staining of Daudi cells with FCER2 recombinant monoclonal antibody, clone CAT-13.9C1 (Cat # RAB03198).

Immunofluorescence analysis of paraformaldehyde fixed Daudi cells on Shi-fix™ coverslips stained with the chimeric r version RAB03198 at 10 ug/ml for 1h followed by Alexa Fluor® 488 secondary antibody (2 ug/ml)- showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right- top-bottom RAB03198- DAPI- merged channels and an isotype control. The isotype control was an unknown specificity antibody (.1) followed by staining with Alexa Fluor® 488 secondary antibody.



Flow Cytometry

Flow cytometric analysis of Daudi cells with FCER2 recombinant monoclonal antibody, clone CAT-13.9C1 (Cat # RAB03198).

Paraformaldehyde fixed Daudi cells were stained with anti-unknown specificity antibody (3.0; isotype control- black line) or the r version of RAB03198 (blue line) at a dilution of 1:100 for 1h at RT. After washing- the bound antibody was detected using a goat anti-r AlexaFluor® 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human FCER2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against an EBV-transformed human B cell line from a patient with MHC class II deficiency re-expressing class II antigens.

Sequence	This antibody was raised by immunising mice with with an EBV-transformed human B cell line from a patient with MHC class II deficiency re-expressing class II antigens.
Reactivity	Human
Form	Liquid
Isotype	IgG
Recommend Usage	Flow Cytometry Immunofluorescence The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS with 0.02% Proclin 300
Storage Instruction	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.

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Gene Info — FCER2

Entrez GeneID	2208
Gene Name	FCER2
Gene Alias	CD23, CD23A, CLEC4J, FCE2, IGEBF
Gene Description	Fc fragment of IgE, low affinity II, receptor for (CD23)
Omim ID	151445

Gene Ontology

[Hyperlink](#)

Gene Summary

The human leukocyte differentiation antigen CD23 (FCE2) is a key molecule for B-cell activation and growth. It is the low-affinity receptor for IgE. The truncated molecule can be secreted, then functioning as a potent mitogenic growth factor.[supplied by OMIM]

Other Designations

C-type lectin domain family 4, member J|CD23 antigen|Fc fragment of IgE, low affinity II, receptor for (CD23A)

Pathway

- [Hematopoietic cell lineage](#)

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Bronchiolitis](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Infant](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Parkinson disease](#)
- [Recurrence](#)
- [Respiratory Syncytial Virus Infections](#)
- [Severe Acute Respiratory Syndrome](#)