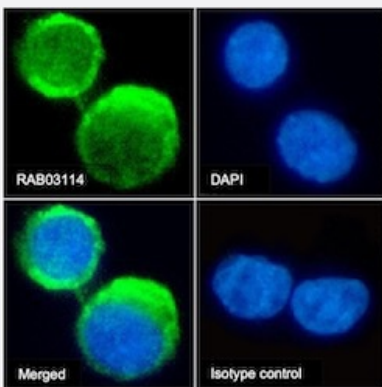


RecomAb™

C5AR1 recombinant monoclonal antibody, clone S5/1

Catalog # RAB03114 Size 200 ug

Applications



Immunofluorescence

Immunofluorescent staining of U937 cells with C5AR1 recombinant monoclonal antibody, clone S5/1 (Cat # RAB03114).

Immunofluorescence analysis of paraformaldehyde fixed U937 cells on Shi-fix™ coverslips stained with the chimeric r version of RAB03114 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 RAB03114- 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.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human C5AR1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to C5a-R; amino acids: 1-31 (N terminal).
Reactivity	Bovine, Domestic ferret, Human, Rabbit
Form	Liquid
Isotype	IgG kappa

Recommend Usage

Blocking
ELISA
Flow Cytometry
Functional Assays
Immunofluorescence
Immunoprecipitation
Western Blot
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.

Applications

- Western Blot
- Immunofluorescence

Immunofluorescent staining of U937 cells with C5AR1 recombinant monoclonal antibody, clone S5/1 (Cat # RAB03114). Immunofluorescence analysis of paraformaldehyde fixed U937 cells on Shi-fix™ coverslips stained with the chimeric r version of RAB03114 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 RAB03114- 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.

- Immunoprecipitation
- Enzyme-linked Immunoabsorbent Assay
- Functional Study
- Blocking
- Flow Cytometry

Gene Info — C5AR1

Entrez GeneID

[728](#)

Gene Name

C5AR1

Gene Alias

C5A, C5AR, C5R1, CD88

Gene Description	complement component 5a receptor 1
Omim ID	113995
Gene Ontology	Hyperlink
Other Designations	C5a anaphylatoxin receptor C5a ligand complement component 5 receptor 1

Pathway

- [Complement and coagulation cascades](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Familial Mediterranean fever](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hypersensitivity](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Pulmonary Disease](#)