

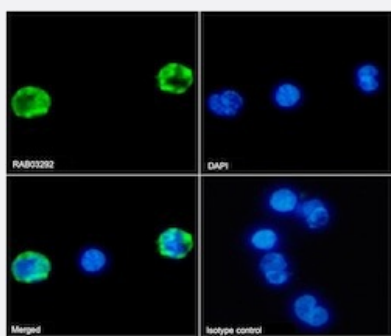
RecomAb™

CD4 recombinant monoclonal antibody, clone DB81

Catalog # RAB03292 Size 200 ug

Applications

Immunofluorescence



Immunofluorescent staining of human peripheral blood leukocytes with CD4 recombinant monoclonal antibody, clone DB81 (Cat # RAB03292). Immunofluorescence analysis of paraformaldehyde fixed human peripheral blood leukocytes on Shi-fix™ coverslips stained with the chimeric r version of RAB03292 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 RAB03292- 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 CD4.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against human CD4 complexed with HIV-1 Env (gp120).
Reactivity	Human
Form	Liquid
Isotype	IgG kappa
Recommend Usage	ELISA Flow Cytometry Immunofluorescence Neutralization The optimal working dilution should be determined by the end user.

Storage Buffer

In PBS (0.02% Proclin 300)

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 human peripheral blood leukocytes with CD4 recombinant monoclonal antibody, clone DB81 (Cat # RAB03292).

Immunofluorescence analysis of paraformaldehyde fixed human peripheral blood leukocytes on Shi-fix™ coverslips stained with the chimeric r version of RAB03292 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 RAB03292- 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.

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

- Neutralization

Gene Info — CD4

Entrez GeneID[920](#)**Gene Name**

CD4

Gene Alias

CD4mut

Gene Description

CD4 molecule

Omim ID[186940](#)**Gene Ontology**[Hyperlink](#)**Other Designations**

CD4 antigen|CD4 antigen (p55)|CD4 receptor

Pathway

- [Antigen processing and presentation](#)

- [Cell adhesion molecules \(CAMs\)](#)
- [Hematopoietic cell lineage](#)
- [Primary immunodeficiency](#)
- [T cell receptor signaling pathway](#)

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Arthritis](#)
- [Asthma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hematologic Diseases](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [Hodgkin Disease](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)

- [Occupational Diseases](#)
- [Pregnancy Complications](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Viremia](#)
- [Vitiligo](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)