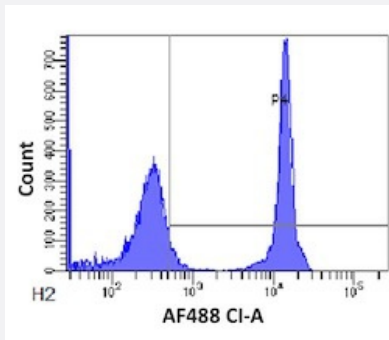


RecomAb™

CD4 recombinant monoclonal antibody, clone 13B8.2

Catalog # RAB03290 Size 200 ug

Applications



Flow Cytometry

Flow cytometric analysis of human lymphocytes with CD4 recombinant monoclonal antibody, clone 13B8.2 (Cat # RAB03290).

Human lymphocytes were stained with an isotype control (3.0- panel A) or the rmeric version of RAB03290 (panel B) at a concentration of 1 ug/ml for 30 mins at RT. After washing- bound antibody was detected using a AF488 conjugated donkey anti-ribody (and cells analysed on a FACSCanto flow-cytometer.

Specification

Product Description Rabbit recombinant monoclonal antibody raised against human CD4.

Antibody Species Rabbit

Immunogen Original antibody is raised against human HSB2-T cells.

Reactivity Human

Form Liquid

Isotype IgG kappa

Recommend Usage

- ELISA
- Enzyme Immunoassay
- Flow Cytometry
- Immunohistochemistry (Frozen sections)
- Western Blot
- 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

- Western Blot
- Immunohistochemistry (Frozen sections)
- Enzyme-linked Immunoabsorbent Assay
- Enzyme Immunoassay
- Flow Cytometry

Flow cytometric analysis of human lymphocytes with CD4 recombinant monoclonal antibody, clone 13B8.2 (Cat # RAB03290). Human lymphocytes were stained with an isotype control (3.0- panel A) or the rmeric version of RAB03290 (panel B) at a concentration of 1 ug/ml for 30 mins at RT. After washing- bound antibody was detected using a AF488 conjugated donkey anti-ribody (and cells analysed on a FACSCanto flow-cytometer.

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](#)