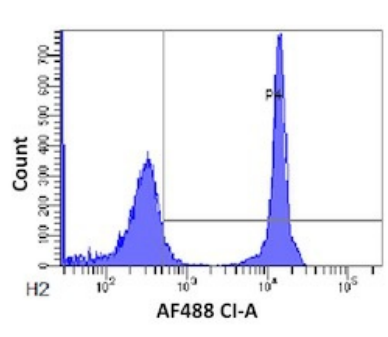
RecomAb™

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
Preparation Method	Mammalian cell (HEK293) expression system
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)

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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

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

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)

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- 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

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- Pregnancy Complications
- Pulmonary Disease
- Urinary Bladder Neoplasms
- Viremia
- Vitiligo
- Waldenstrom Macroglobulinemia
- Werner syndrome

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