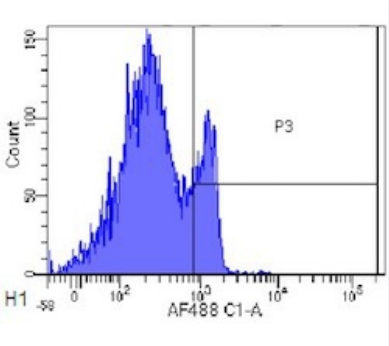
RecomAb™

CD4 recombinant monoclonal antibody, clone MT310

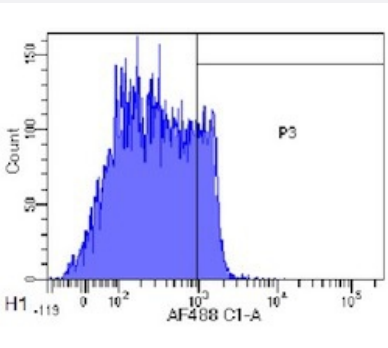
Catalog # RAB03296 Size 200 ug

Applications



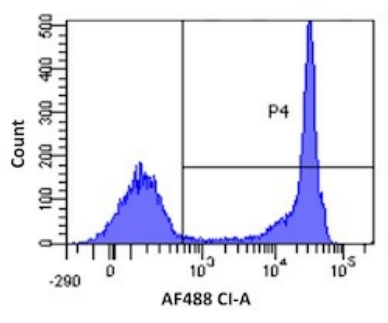
Flow Cytometry

Flow cytometric analysis of rhesus monkey lymphocytes with CD4 recombinant monoclonal antibody, clone MT310 (Cat # RAB03296).
Rhesus monkey lymphocytes were stained with an isotype control (3.0- panel A) or the rmeric version of RAB03296 (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.



Flow Cytometry

Flow cytometric analysis of cynomolgus monkey lymphocytes with CD4 recombinant monoclonal antibody, clone MT310 (Cat # RAB03296).
Cynomolgus monkey lymphocytes were stained with an isotype control (3.0- panel A) or the rmeric version of RAB03296 (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.



Flow Cytometry

Flow cytometric analysis of human lymphocytes with CD4 recombinant monoclonal antibody, clone MT310 (Cat # RAB03296).
Human lymphocytes were stained with an isotype control (3.0- panel A) or the rmeric version of RAB03296 (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

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Product Description	Rabbit recombinant monoclonal antibody raised against human CD4.
Antibody Species	Rabbit
Reactivity	Crab-eating macaque, Human, Macaque
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Isotype	IgG kappa
Recommend Usage	Flow Cytometry Immunofluorescence Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) Immunoprecipitation 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

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunofluorescence
- Flow Cytometry

  Flow cytometric analysis of rhesus monkey lymphocytes with CD4 recombinant monoclonal antibody, clone MT310 (Cat # RAB03296).
  Rhesus monkey lymphocytes were stained with an isotype control (3.0- panel A) or the rmeric version of RAB03296 (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.

- Flow Cytometry

  Flow cytometric analysis of cynomolgus monkey lymphocytes with CD4 recombinant monoclonal antibody, clone MT310 (Cat # RAB03296).
  Cynomolgus monkey lymphocytes were stained with an isotype control (3.0- panel A) or the rmeric version of RAB03296 (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.

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- Flow Cytometry

  Flow cytometric analysis of human lymphocytes with CD4 recombinant monoclonal antibody, clone MT310 (Cat # RAB03296). Human lymphocytes were stained with an isotype control (3.0- panel A) or the rmeric version of RAB03296 (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.

- Immunoprecipitation

- 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)
- Hematopoietic cell lineage
- Primary immunodeficiency
- T cell receptor signaling pathway

Disease

- Acquired Immunodeficiency Syndrome

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- 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

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- Werner syndrome

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