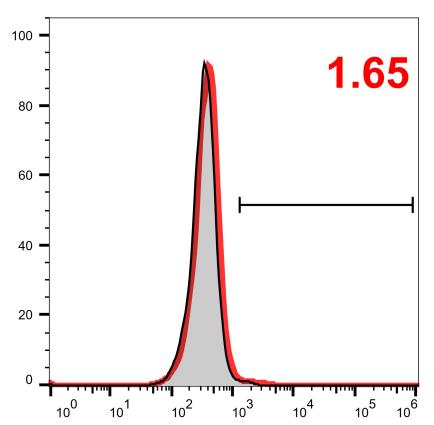
RecomAb™ | *In Vivo* Functional Grade Antibodies | Sm Size

CD4 recombinant monoclonal antibody, clone OKT4

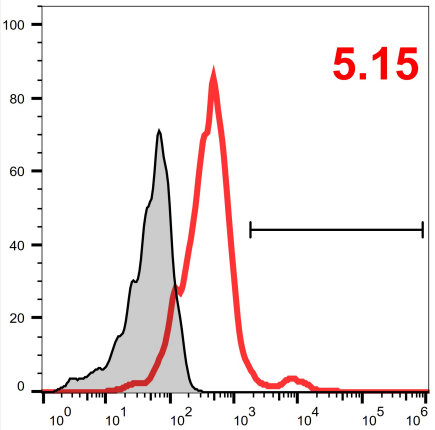
Catalog # RAB07862 Size 5 mg, 1 mg

Applications



Flow Cytometry

Flow cytometric analysis of CD4 recombinant monoclonal antibody, clone OKT4 (Cat # RAB07862) negative reactivity against human PC-3 cell line.



Flow Cytometry

Flow cytometric analysis of CD4 recombinant monoclonal antibody, clone OKT4 (Cat # RAB07862) positive reactivity against human activated PBMC.

Specification

Product Description	CD4 recombinant monoclonal antibody, clone OKT4 targeting human CD4 recombinant protein.
Antibody Species	Mouse
Immunogen	Human CD4 recombinant protein

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Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Protein A
Isotype	Mouse IgG2b, kappa
Concentration	≥ 3 ug/uL
Purity	> 95% by SDS-PAGE under reducing conditions.
Endotoxin Level	< 1 EU per 1 mg of the protein by the LAL method.
Form	Liquid
Storage Buffer	PBS pH 7.4 with no stabilizers or preservatives added
Sterility	0.2 um filtration
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Flow Cytometry

  Flow cytometric analysis of CD4 recombinant monoclonal antibody, clone OKT4 (Cat # RAB07862) negative reactivity against human PC-3 cell line.

- Flow Cytometry

  Flow cytometric analysis of CD4 recombinant monoclonal antibody, clone OKT4 (Cat # RAB07862) positive reactivity against human activated PBMC.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CD4

Entrez GeneID	920
Gene Name	CD4
Gene Alias	CD4mut

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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

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- 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

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