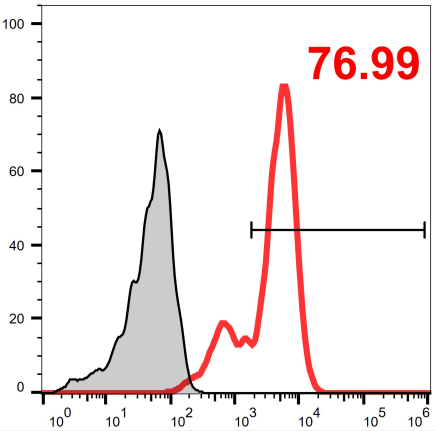
RecomAb™ | *In Vivo* Functional Grade Antibodies | Sm Size

# CD4 recombinant monoclonal antibody, clone SK3

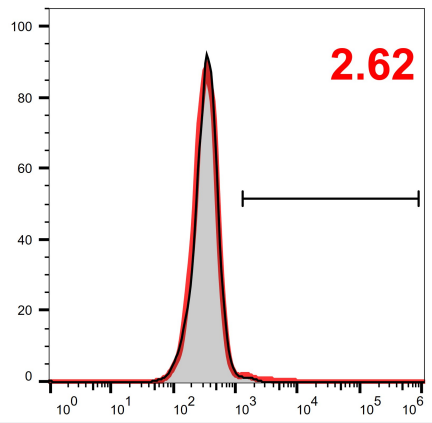
Catalog # RAB07861 Size 5 mg, 1 mg

## Applications




### Flow Cytometry

Flow cytometric analysis of CD4 recombinant monoclonal antibody, clone SK3 (Cat # RAB07861) positive reactivity against human activated PBMC.




### Flow Cytometry

Flow cytometric analysis of CD4 recombinant monoclonal antibody, clone SK3 (Cat # RAB07861) negative reactivity against human PC-3 cell line.

## Specification

| | |
|---|---|
| **Product Description** | CD4 recombinant monoclonal antibody, clone SK3 targeting human CD4 recombinant protein. |
| **Antibody Species** | Mouse |
| **Immunogen** | Human CD4 recombinant protein |
| **Reactivity** | Human |

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| | |
|---|---|
| **Form** | Liquid |
| **Preparation Method** | Mammalian cell (CHO) expression system |
| **Purification** | Protein A |
| **Isotype** | Mouse IgG1, 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.<br>Aliquot to avoid repeated freezing and thawing. |

## Applications

- Flow Cytometry

  Flow cytometric analysis of CD4 recombinant monoclonal antibody, clone SK3 (Cat # RAB07861) positive reactivity against human activated PBMC.

- Flow Cytometry

  Flow cytometric analysis of CD4 recombinant monoclonal antibody, clone SK3 (Cat # RAB07861) negative reactivity against human PC-3 cell line.

- 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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