

RecomAb™

CD4 recombinant monoclonal antibody, clone 13B8.2

Catalog # RAB00024 Size 200 ug

Specification

Product Description Mouse recombinant monoclonal antibody raised against human CD4.

Antibody Species Mouse

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

Reactivity Human

Specificity This antibody recognizes human CD4.

Form Liquid

Purification Protein A affinity purification

Isotype IgG1, kappa

Recommend Usage

- ELISA (0.1 ug/mL)
- Enzyme Immunoassay
- Flow Cytometry (1 ug/mL)
- Immunohistochemistry (Frozen sections) (5 ug/mL)
- Western Blot (1 ug/mL)
- The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, pH 7.2 (0.02% Proclin 300)

Storage Instruction Store at 4°C for up to 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

Gene Info — CD4

Entrez GeneID	920
Protein Accession#	P01730
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](#)