

RecomAb™

HuAb

CD4 humanized monoclonal antibody, clone CE9.1 (Clenoliximab)

Catalog # RAB00062 Size 200 ug

Specification

Product Description	Humanized recombinant monoclonal antibody raised against human CD4.
Antibody Species	Human
Immunogen	Original antibody is raised against domain 1 of human CD4.
Reactivity	Human
Specificity	The antibody binds to human CD4 with a Kd of 1.0 nM and an ED50 of 0.2 ug/mL.
Form	Liquid
Purification	Protein A affinity purification
Isotype	Human IgG4, lambda
Recommend Usage	Blocking ELISA (0.1 ug/mL) Flow Cytometry (1 ug/mL) Immunohistochemistry (5 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 long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This reformatted human antibody was made using the variable domain sequences of the original human IgG4 (primatized) format, for improved compatibility with existing reagents, assays and techniques.

Applications

- Immunohistochemistry

- Enzyme-linked Immunoabsorbent Assay
- Blocking
- 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](#)