

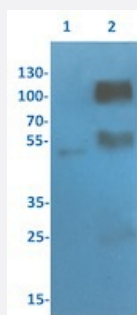
RecomAb™

CD4 recombinant monoclonal antibody, clone YNB46.1.8 (Campath-9H)

Catalog # RAB03298

Size 200 ug

Applications



Western Blot

Western blot analysis of Lane1: mouse thymus lysate and Lane 2: mouse spleen lysate with CD4 recombinant monoclonal antibody, clone YNB46.1.8 (Campath-9H) (Cat # RAB03298).

Immunohistochemistry

Immunohistochemical staining of rabbit spleen with CD4 recombinant monoclonal antibody, clone YNB46.1.8 (Campath-9H)(Cat # RAB03298). Anti-CD4 staining of formaldehyde fixed paraffin embedded rabbit spleen tissue at 40x magnification. The rat IgG1-chimeric version of RAB03298 was used to stain samples at a concentration of 5 ug/ml.

Specification

Product Description	Rat recombinant monoclonal antibody raised against human CD4.
Antibody Species	Rat
Immunogen	Original antibody is raised against rat T-cell line (NB2) transfected with the human CD4.
Reactivity	Human
Form	Liquid

Isotype	IgG1 kappa
Recommend Usage	Flow Cytometry Immunohistochemistry 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.

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- Flow Cytometry

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](#)
- [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](#)