RecomAb™

CD4 recombinant monoclonal antibody, clone MT310

Catalog # RAB03295 Size 200 ug

Applications

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of guinea pig skin tissue with CD4 recombinant monoclonal antibody, clone MT310 (Cat # RAB03295).
Anti-CD4 staining of formaldehyde fixed paraffin embedded guinea pig skin tissue- at 40x magnification. The mouse IgG1-chimeric version of RAB03295 was used to stain samples at a concentration of 3 ug/ml.

Specification

Product Description	Mouse recombinant monoclonal antibody raised against human CD4.
Antibody Species	Mouse
Reactivity	Crab-eating macaque, Human, Macaque
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Isotype	IgG1 kappa
Recommend Usage	Flow Cytometry Immunofluorescence Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) Immunoprecipitation Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% Proclin 300)

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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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- Immunofluorescence
- Flow Cytometry
- Immunoprecipitation
- Western Blot

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)

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- 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

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- Pregnancy Complications
- Pulmonary Disease
- Urinary Bladder Neoplasms
- Viremia
- Vitiligo
- Waldenstrom Macroglobulinemia
- Werner syndrome

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