CD4 monoclonal antibody, clone 10C12

Catalog # MAB8338 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of CD4.
Immunogen	A synthetic peptide corresponding to amino acids 414-433 of human CD4.
Sequence	LSEKKTCQCPHRFQKTCSPI
Host	Mouse
Reactivity	Human
Specificity	This antibody recognizes an epitope within amino acids 414-433 of the cytoplasmic tail region of human CD4.
Form	Liquid
Purification	Protein G purification
Isotype	IgG1
Recommend Usage	ELISA (10-20 ug/mL) Immunofluorescence (5-10 ug/mL) Western Blot (5-10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4.
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunofluorescence
- Enzyme-linked Immunoabsorbent Assay

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- Western Blot

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

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- 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

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