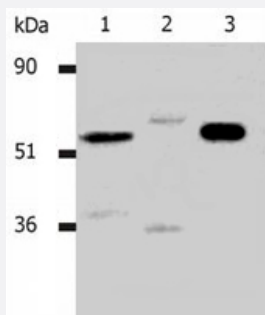


CD4 monoclonal antibody, clone MEM-115

Catalog # MAB0871 Size 100 ug

Applications



Immunoprecipitation

Immunoprecipitation of human CD4 from the lysate T cells isolated from fresh buffy coats. Western blot was immunostained by CD4 monoclonal antibody, clone MEM - 115 (Cat # MAB0871) . Lane 1 : Original lysate of T cells. Lane 2 : Immunoprecipitate by negative control antibody. Lane 3 : immunoprecipitate by CD4 monoclonal antibody, clone MEM - 115 (Cat # MAB0871) .

Specification

Product Description	Mouse monoclonal antibody raised against native CD4.
Immunogen	Native purified CD4 from human thymocytes and T lymphocytes.
Host	Mouse
Reactivity	Human
Specificity	This antibody recognizes an epitope in the D1 domain of CD4 antigen. It is negative in Western blotting even with non-reduced samples of cell lysates.
Form	Liquid
Isotype	IgG2a
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In TBS, pH 8.0 (0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunoprecipitation

Immunoprecipitation of human CD4 from the lysate T cells isolated from fresh buffy coats. Western blot was immunostained by CD4 monoclonal antibody, clone MEM - 115 (Cat # MAB0871) . Lane 1 : Original lysate of T cells. Lane 2 : Immunoprecipitate by negative control antibody. Lane 3 : immunoprecipitate by CD4 monoclonal antibody, clone MEM - 115 (Cat # MAB0871) .

- Flow Cytometry

Gene Info — CD4

Entrez GeneID	920
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Gene Name	CD4
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Gene Alias	CD4mut
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Gene Description	CD4 molecule
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Omim ID	186940
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Gene Ontology	Hyperlink
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Other Designations	CD4 antigen CD4 antigen (p55) CD4 receptor
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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](#)