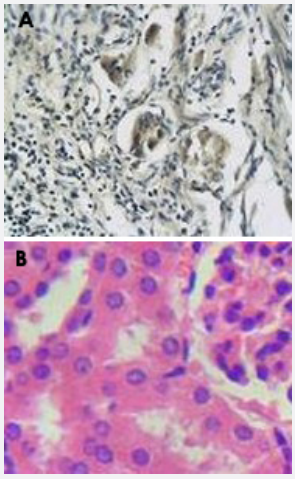
CD4 polyclonal antibody

Catalog # PAB19557 Size 100 ug

Applications



Immunohistochemistry

A. Immunohistochemiacl staining of human colorectal cancer tissue section with CD4 polyclonal antibody (Cat # PAB19557) at 1:400 dilution. DAB chromogenic staining.
B. Immunohistochemiacl staining of mouse kidney tissue section with CD4 polyclonal antibody (Cat # PAB19557) at 1:200 dilution. DAB chromogenic staining.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic protein of CD4.
Immunogen	A synthetic peptide corresponding to amino acids 397-457 of human CD4.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody recognizes the intracellular region of human CD4.
Form	Lyophilized
Purification	Protein G purification
Recommend Usage	ELISA (1-2 ug/mL) Western Blot (2-10 ug/mL) Immunohistochemistry (2-10 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	Lyophilized from PBS.
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with deionized water, store at 4°C for one month. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry

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- Enzyme-linked Immunoabsorbent Assay

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

Publication Reference

- Targeting Liver Cancer and Associated Pathologies in Mice with a Mitochondrial VDAC1-Based Peptide.

  Pittala S, Krelin Y, Shoshan-Barmatz V.

  Neoplasia 2018 Jun; 20(6):594.

  Application: IF, Mouse, Liver

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