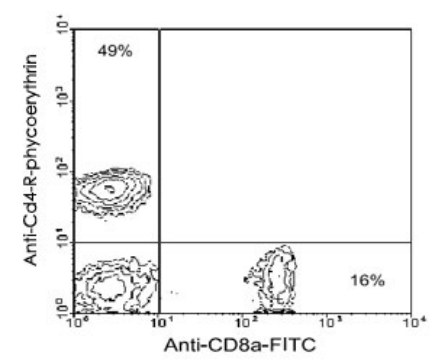
Cd4 monoclonal antibody, clone GK1.5

Catalog # MAB3222 Size 500 ug

Applications



Flow Cytometry

Cells from BALB/c mesenteric lymph nodes were double-stained with Cd4 monoclonal antibody, clone GK1.5 (Cat # MAB3222)-R-phycoerythrin and anti-mouse CD8a-FITC, gated on small lymphocytes and analyzed by flow cytometry.

Specification

Product Description	Rat monoclonal antibody raised against Cd4.
Immunogen	Cloned mouse CTL line V41.
Host	Rat
Reactivity	Mouse
Specificity	CD4/L3T4a, Mr 52 KDa.
Form	Liquid
Isotype	IgG2b
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In 100 mM BBS, pH 8.2
Storage Instruction	Store at 4°C.

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Applications

- Immunohistochemistry (Frozen sections)
- Flow Cytometry

  Cells from BALB/c mesenteric lymph nodes were double-stained with Cd4 monoclonal antibody, clone GK1.5 (Cat # MAB3222)-R-phycoerythrin and anti-mouse CD8a-FITC, gated on small lymphocytes and analyzed by flow cytometry.
- Immunoprecipitation

Gene Info — Cd4

Entrez GeneID	12504
Gene Name	Cd4
Gene Alias	L3T4, Ly-4
Gene Description	CD4 antigen
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000027399|T-cell surface glycoprotein CD4 precursor (T-cell surface antigen T4/Le u-3) (T-cell differentiation antigen L3T4)

Publication Reference

- Repertoire development and ligand specificity of murine TCR gamma delta cells.

  Bluestone JA, Cron RQ, Barrett TA, Houlden B, Sperling AI, Dent A, Hedrick S, Rellahan B, Matis LA.

  Immunological Reviews 1991 Apr; 120:5.
- CD4 expressed on earliest T-lineage precursor cells in the adult murine thymus.

  Wu L, Scollay R, Egerton M, Pearse M, Spangrude GJ, Shortman K.

  Nature 1991 Jan; 349(6304):71.

  Application: Flow Cyt, Mouse , Mouse T cells

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