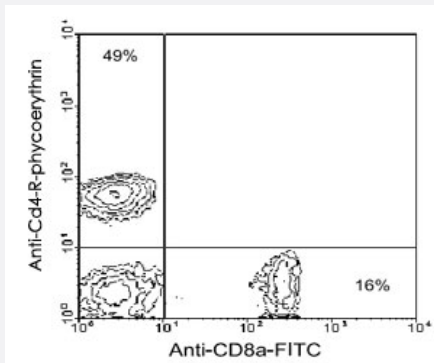


Cd4 monoclonal antibody, clone GK1.5

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.

Applications

- Immunohistochemistry (Frozen sections)
- Immunoprecipitation
- 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.

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