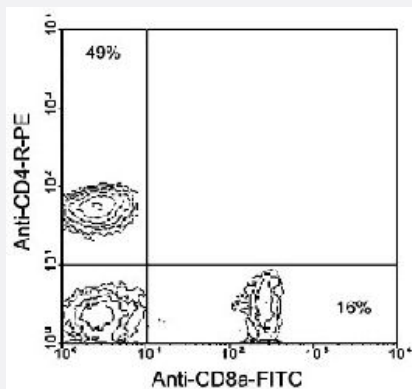


# Cd4 monoclonal antibody, clone GK1.5 (PE/Cy5.5)

Catalog # MAB5923      Size 100 ug

## Applications



### Flow Cytometry

Cells from BALB/c mesenteric lymph nodes were double-stained with Cd4 monoclonal antibody, clone GK1.5 (FITC) (Cat # MAB5918), 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
Conjugation	PE/Cy5.5
Isotype	IgG2b, kappa
Recommend Usage	Flow Cytometry (0.2 ug/10 <sup>6</sup> cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)

**Storage Instruction**

Store in the dark at 4°C. Do not freeze.  
Avoid prolonged exposure to light.  
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

- Immunohistochemistry (Frozen sections)
- Immunoprecipitation
- Flow Cytometry

Cells from BALB/c mesenteric lymph nodes were double-stained with Cd4 monoclonal antibody, clone GK1.5 (FITC) (Cat # MAB5918), gated on small lymphocytes and analyzed by flow cytometry.

## Gene Info — Cd4

Entrez GeneID	<a href="#">12504</a>
Gene Name	Cd4
Gene Alias	L3T4, Ly-4
Gene Description	CD4 antigen
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	OTTMUSP00000027399 T-cell surface glycoprotein CD4 precursor (T-cell surface antigen T4/Leu-3) (T-cell differentiation antigen L3T4)

## Publication Reference

- [Repertoire development and ligand specificity of murine TCR gamma delta cells.](#)

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Nature 1991 Jan; 349(6304):71.

- [Role of L3T4 and Ia in the heteroclitic response of T cells to cytochrome c.](#)

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