

For Research Use Only

Anti-Mouse CD4 (GK1.5)

Catalog Number: 65104-1-Ig **2 Publications**



Basic Information

Catalog Number: 65104-1-Ig	GenBank Accession Number: BC039137	Purification Method: Affinity purification
Size: 500ug, 0.5 mg/ml	GeneID (NCBI): 12504	CloneNo.: GK1.5
Source: Rat	UNIPROT ID: P06332	
Isotype: IgG2b, kappa	Full Name: CD4 antigen	

Applications

Tested Applications:
FC

Cited Applications:
IF, FC

Species Specificity:
mouse

Cited Species:
mouse

Background Information

CD4 is a 55-kDa transmembrane glycoprotein expressed on T helper cells, majority of thymocytes, monocytes, macrophages, and dendritic cells (PMID: 9304802; 12213222). CD4 is an accessory protein for MHC class-II antigen/T-cell receptor interaction. It plays an important role in T helper cell development and activation (PMID: 9539765; 3112582). CD4 serves as a receptor for the human immunodeficiency virus (HIV) (PMID: 9304802).

Notable Publications

Author	Pubmed ID	Journal	Application
Haoran Wang	35087966	Bioact Mater	FC
Tao Bi	38223805	J Tradit Complement Med	IF

Storage

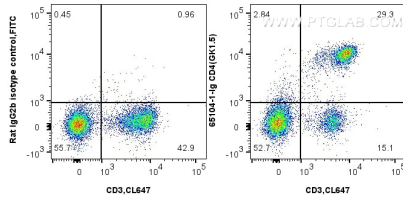
Storage:
Store at 2-8°C. Stable for one year after shipment.

Storage Buffer:
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Selected Validation Data



1x10⁶ C57BL/6 mouse splenocytes were surface stained with 0.5 ug Anti-Mouse CD4 (GK1.5) (65104-1-Ig, Clone:GK1.5) or 0.5 ug Rat IgG2b Isotype Control (LTF-2) (65211-1-Ig, Clone: LTF-2) and FITC anti-rat IgG2b Antibody, and 0.5 ug CoraLite® Plus 647 Anti-Mouse CD3 (17A2) (CL647-65077, Clone: 17A2). Cells were not fixed.