For Research Use Only

FITC Plus Anti-Mouse CD4 (GK1.5)

Catalog Number:FITC-65104 9 Publications

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
FITC-65104

Size:
100ug , 500 µg/ml

Source:
Rat

Isotype:
IgG2b, kappa

GenBank Accession Number:
BC039137

GeneID (NCBI):
12504

UNIPROT ID:
P06332

Full Name:
CD4 antigen

Purification Method:
Affinity purification

CloneNo.:
GK1.5

Excitation/Emission maxima wavelengths:
495 nm / 524 nm

Applications

Tested Applications:
FC

Cited Applications:
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
Lan Wu	36483681	Stem Cells Int	FC
Lian Zhu	36321642	J Mater Chem B	FC
Li Wu	35344716	Phytomedicine	FC

Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide.

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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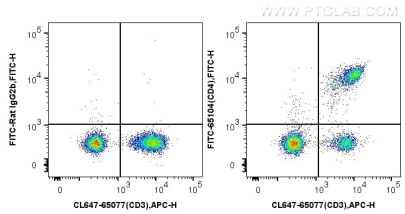
Selected Validation Data



1X10^6 mouse splenocytes were surface stained with CoraLite® Plus 647 Anti-Mouse CD3 (17A2) (CL647-65077, Clone: 17A2) and 0.5 ug FITC Plus Anti-Mouse CD4 (FITC-65104, Clone: GK1.5) or 0.5 ug FITC Plus rat IgG2b isotype control. Cells were not fixed.