Biotin Anti-Human CD4 (OKT4) Mouse IgG2a Recombinant Antibody

Catalog Number:**Biotin-65603**

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Basic Information

Catalog Number: Biotin-65603	**GenBank Accession Number:** BC025782	**Purification Method:** Protein A purification
Size: 100ug , 500 μg/ml	**GeneID (NCBI):** 920	**CloneNo.:** OKT4
Source: Mouse	**ENSEMBL Gene ID:** ENSG00000010610	
Isotype: IgG2a	**Full Name:** CD4 molecule	
	Calculated MW: 55 kDa	

Applications

Tested Applications:
FC

Species Specificity:
human

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).

Storage

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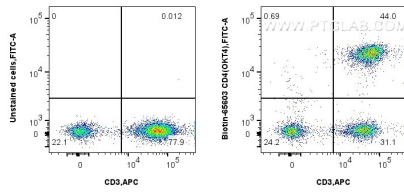**Storage Buffer:**
PBS with 0.09% sodium azide.

1x10^6 human PBMCs were surface stained with 0.25 ug Biotin Anti-Human CD4 (OKT4) Mouse IgG2a Recombinant Antibody (Biotin-65603, Clone: OKT4) and CoraLite®488-conjugated streptavidin, or unstained. Cells were co-stained with APC Anti-Human CD3. Cells were not fixed. Lymphocytes were gated.
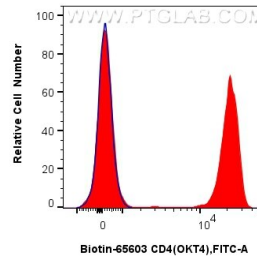
1x10^6 human PBMCs were surface stained with 0.25 ug Biotin Anti-Human CD4 (OKT4) Mouse IgG2a Recombinant Antibody (Biotin-65603, Clone: OKT4) and CoraLite®488-conjugated streptavidin (red), or unstained (blue). Cells were not fixed. Lymphocytes were gated.