FITC Rabbit anti-Chicken CD4 mAb

ABclonal

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Catalog No.: A28397

Basic Information

Observed MW

Refer to figures

Calculated MW

55 kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Chicken

CloneNo number

ARC78778

Conjugate

FITC. Ex:491nm. Em:516nm.

Background

This gene encodes the CD4 membrane glycoprotein of T lymphocytes. The CD4 antigen acts as a coreceptor with the T-cell receptor on the T lymphocyte to recognize antigens displayed by an antigen presenting cell in the context of class II MHC molecules. The CD4 antigen is also a primary receptor for entry of the human immunodeficiency virus through interactions with the HIV Env gp120 subunit. This gene is expressed not only in T lymphocytes, but also in B cells, macrophages, granulocytes, as well as in various regions of the brain. The protein functions to initiate or augment the early phase of T-cell activation, and may function as an important mediator of indirect neuronal damage in infectious and immune-mediated diseases of the central nervous system. Multiple alternatively spliced transcript variants encoding different isoforms have been identified in this gene.

Recommended Dilutions

FC

≤0.25 µg per million cells in 100 µl volume

Immunogen Information

Gene ID 395362

Swiss Prot

Q9W6V7

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

CD4

Contact

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Product Information

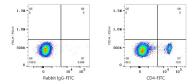
SourceIsotypePurificationRabbitIgGAffinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: $1X10^6$ Chicken PBMC were surface-stained with FITC Rabbit IgG isotype control (A25616,5 μ I/Test,left) or FITC Rabbit anti-Chicken CD4 mAb (A28397,0.25 μ g,right). Cells in the lymphocyte gate were used for analysis.