

ABflo® 647 Rabbit anti-Rat CD4 mAb

Catalog NO.: A28146

Basic Information

Observed MW

Calculated MW

51 kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Rat

Conjugation

ABflo® 647. Ex:648nm. Em:664nm.

Clone number

ARC76657

Background

CD4, also known as T4, is a 55kD glycoprotein member of the immunoglobulin superfamily. It is expressed on the majority of thymocytes, macrophages, and a subset of peripheral T cells (T helper cells). CD4 functions as a T-cell coreceptor, interacting with MHC class II molecules and playing a crucial role in T-cell activation.

Recommended Dilutions

FC ≤0.25 µg per million cells in 100 µl volume

Immunogen Information

Gene ID

24933

Swiss Prot

P05540

Immunogen

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

Synonyms

Ly49; Klra1; Ly49s2

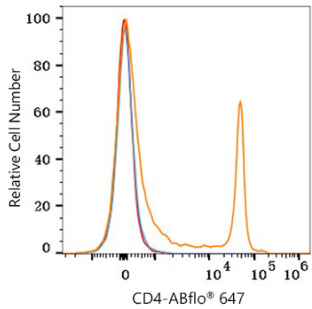
Contact

Product Information

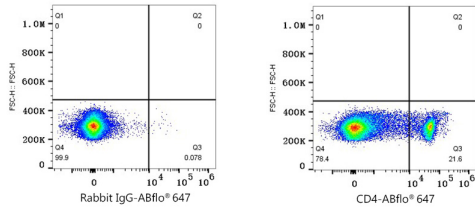
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.		

Validation Data



Flow cytometry: 1X10⁶ Rat splenocytes were surface-stained with ABflo® 647 Rabbit anti-Rat CD4 mAb (A28146,0.25 µg,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10⁶ Rat splenocytes were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,left) or ABflo® 647 Rabbit anti-Rat CD4 mAb (A28146,0.25 µg,right).

