

Purified Anti-Rat CD4(domain 1) Antibody[OX-38]

catalog number: E-AB-F1105A

Note: Centrifuge before opening to ensure complete recovery of vial contents.

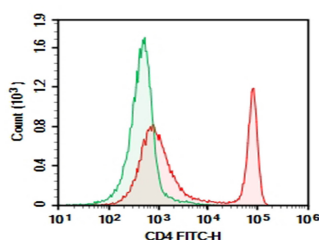
Description

Reactivity	Rat
Host	Mouse
Isotype	Mouse IgG2a, κ
Clone	OX-38
Conjugation	Unconjugated
buffer	PBS, pH 7.2. Contains 0.05% proclin 300.

Applications Recommended Dilution

FCM	2 $\mu\text{g/mL}$ (1×10^5 - 5×10^5 cells)
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Data



Rat splenocytes were stained with 0.2 μg Purified Anti-Rat CD4(domain 1) Antibody[OX-38] (Right) and 0.2 μg Mouse IgG2a, κ Isotype Control (Left), followed by FITC-conjugated Goat Anti-Mouse IgG Secondary Antibody.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	Ice bag

Background

CD4, also known as T4, is a 55kD glycoprotein member of the immunoglobulin superfamily and is expressed on majority of thymocytes, macrophages, and a peripheral T cell subset (T helper cells). CD4 is a T cell co-receptor that interacts with the MHC class II molecule and is involved in T cell activation.

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