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# AF/LE Purified Anti-Rat CD4(domain 1) Antibody[OX-38]

catalog number: E-AB-F11050

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

### Description

Reactivity Rat

Immunogen Recombinant Rat CD4 protein

**Host** Mouse

**Isotype** Mouse IgG2a, κ

Clone OX-38

**Purification** >98%, Protein A/G purified

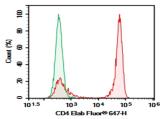
Buffer Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL

method.

# Applications Recommended Dilution

FCM  $2 \mu g/mL(0.5 \times 10^6 - 1 \times 10^6 \text{ cells})$ 

#### Data



Rat splenocytes were stained with 0.2 μg AF/LE 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 Storage Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze /

thaw cycles. This preparation contains no preservatives, thus it should be handled

under aseptic conditions.

Shipping Ice bag

### **Background**

CD4, also known as T4, is a 55kD glycoprotein member of the immunoglobin 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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