

## 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

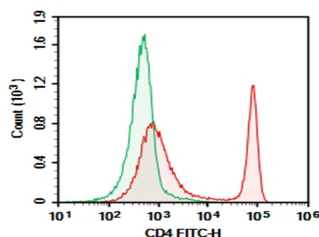
<b>Reactivity</b>	Rat
<b>Immunogen</b>	Recombinant Rat CD4 protein
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG2a, $\kappa$
<b>Clone</b>	OX-38
<b>Purification</b>	>98%, Protein A/G purified
<b>Buffer</b>	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method

### Applications

### Recommended Dilution

<b>FCM</b>	2 $\mu$ g/mL ( $1 \times 10^5$ - $5 \times 10^5$ cells)
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### Data



Rat splenocytes were stained with 0.2  $\mu$ g AF/LE Purified Anti-Rat CD4(domain 1) Antibody[OX-38] (Right) and 0.2  $\mu$ g Mouse IgG2a,  $\kappa$  Isotype Control (Left), followed by FITC-conjugated Goat Anti-Mouse IgG Secondary Antibody.

### Preparation & Storage

<b>Storage</b>	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.
<b>Shipping</b>	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.

### For Research Use Only