

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

Catalog Number: E-AB-F1105B

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

### Description

<b>Reactivity</b>	Rat
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG2a, κ
<b>Clone No.</b>	OX-38
<b>Isotype Control</b>	Biotin Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09803B]
<b>Conjugation</b>	Biotin
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

### Applications

### Recommended usage

<b>FCM</b>	Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per $10^6$ cells in 100 $\mu\text{L}$ volume or 100 $\mu\text{L}$ of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.
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### Preparation & Storage

<b>Storage</b>	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Do not freeze.
<b>Shipping</b>	Ice bag

### Antigen Information

<b>Alternate Names</b>	CD4;T-cell surface antigen T4/Leu-3;T-cell surface glycoprotein CD4;domain 1
<b>Uniprot ID</b>	P05540
<b>Gene ID</b>	24932
<b>Background</b>	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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