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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

Reactivity Rat
Host Mouse

Isotype Mouse IgG2a, κ

Clone No. OX-38

Isotype Control Biotin Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09803B]

Conjugation Biotin

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications Recommended usage

FCM 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 μ g per 10⁶ cells in 100 μ L volume or 100 μ L of whole blood. It is recommended that the reagent be titrated for

optimal performance for each application.

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Do not freeze.

Shipping Ice bag

Antigen Information

Alternate Names CD4;T-cell surface antigen T4/Leu-3;T-cell surface glycoprotein CD4;domain 1

 Uniprot ID
 P05540

 Gene ID
 24932

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.