

FITC anti-rat CD4 (domain 1)

Catalog # / Size: 203405 / 100 µg
203406 / 500 µg

Clone: OX-38

Isotype: Mouse IgG2a, κ

Immunogen: Rat thymocyte glycoproteins

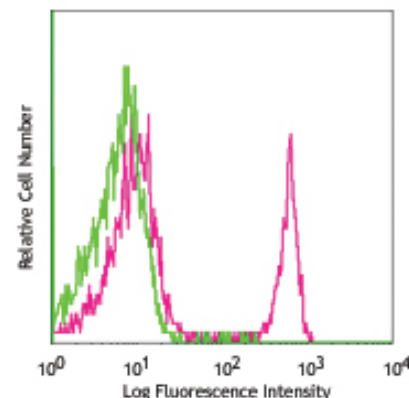
Reactivity: Rat

Preparation: The antibody was purified by affinity chromatography, and conjugated with FITC under optimal conditions. The solution is free of unconjugated FITC.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



LOU rat splenocytes stained with OX-38 FITC

Applications:

Applications: FC - *Quality tested*

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤ 0.25 µg per 10^6 cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: The OX-38 antibody has been shown to bind the same CD4 epitope as the W3/25 antibody, and a different epitope than the OX-35 antibody. Additional reported applications (for the relevant formats of this clone) include: immunohistochemical staining of acetone-fixed frozen sections and blocking function¹.

Application References: 1. Pettigrew GJ, *et al.* 1998. *J. Immunol.* 161:1292.

Description: 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.

Antigen References: 1. Pettigrew GJ, *et al.* 1998. *J. Immunol.* 161:1292.

Related Products:

Product
FITC Mouse IgG2a, κ Isotype Ctrl
Cell Staining Buffer
RBC Lysis Buffer (10X)

Clone
MOPC-173

Application
FC, ICFC
FC, ICC, ICFC
FC, ICFC



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