

Product Data Sheet

FITC anti-rat CD4 (domain 2)

Catalog # / Size: 203305 / 100 µg

Clone: OX-35

Isotype: Mouse IgG1, κ

Immunogen: MLR generated rat T helper lymphocytes

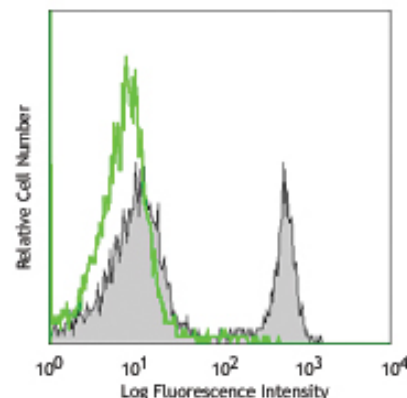
Reactivity: Rat

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-35 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 ≤1.0 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: The OX-35 antibody has been shown to bind a different CD4 epitope than the W3/25 and OX-38 antibodies. Additional reported applications (for the relevant formats) include: immunohistochemical staining².

Application References: 1. May E, *et al.* 2003. *J. Immunol.* 170:1099.
2. Hansson AS, *et al.* 1999. *J. Clin. Invest.* 104:589. (IHC)

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. May E, *et al.* 2003. *J. Immunol.* 170:1099.
2. Hansson AS, *et al.* 1999. *J Clin Invest.* 104:589

Related Products: Product
 FITC Mouse IgG1, κ Isotype Ctrl
 Cell Staining Buffer
 RBC Lysis Buffer (10X)

Clone
 MOPC-21

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



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