

# Product Data Sheet

## FITC anti-rat CD5

**Catalog # / Size:** 203505 / 100 µg

**Clone:** OX-19

**Isotype:** Mouse IgG1, κ

**Immunogen:** Rat thymocyte lentil lectin-binding glycoproteins

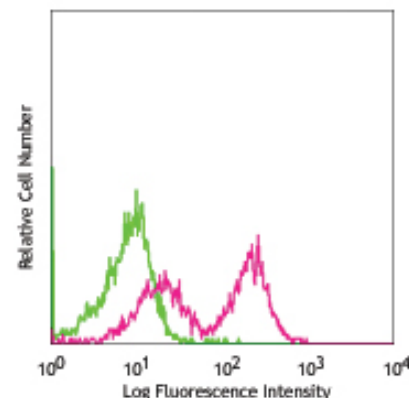
**Reactivity:** Rat

**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 and 0.5% BSA (Origin USA)

**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-19 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  $\leq 0.25$  µg per  $10^6$  cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

**Application References:** 1. Dallman MJ, *et al.* 1984. *Eur. J. Immunol.* 14:260.  
2. Vermeer LA, *et al.* 1994. *Eur. J. Immunol.* 24:585.

**Description:** CD5 is a 67 kD glycoprotein, also known as Lyt-1, Ly-1 or Ly-12. It is a member of the scavenger receptor superfamily and primarily expressed on thymocytes and mature peripheral T lymphocytes, but not on NK cells, intestinal intraepithelial gamma/delta T cells. A CD5+ B cell subset (B-1) has not been characterized in that rat.

**Antigen References:** 1. Vermeer LA, *et al.* 1994. *Eur. J. Immunol.* 24:585.

**Related Products:** **Product**  
FITC Mouse IgG1, κ Isotype Ctrl

**Clone**  
MOPC-21

**Application**  
FC, ICFC



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