
Product Data Sheet

PerCP/Cy5.5 anti-human CD15 (SSEA-1)

Catalog # / 2215100 / 100 tests
Size: 2215095 / 25 tests

Clone: W6D3

Isotype: Mouse IgG1, κ

Immunogen: WERI-RB-1 retinoblastoma cell line

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography and conjugated with PerCP/Cyanine5.5 under optimal conditions. The solution is free of unconjugated PerCP/Cyanine5.5 and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).

Concentration: Lot-specific

□ Human peripheral blood granulocytes stained with W6D3 PerCP/Cy5.5

Applications:

Applications: Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is 5 μ l per million cells or 5 μ l per 100 μ l of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

* PerCP/Cyanine5.5 has a maximum absorption of 482 nm and a maximum emission of 690 nm.

Application References: 1. Stocks SC, *et al.* 1990. *Biochem. J.* 268:275.

Description: CD15 is 3-fucosyl-N-acetyllactosamine (3-FAL) also known as Lewis X, 3-FAL, X-hapten, and SSEA-1. CD15 is expressed on granulocytes and monocytes. It has also been shown to be expressed on Langerhans cells and some malignant cells. CD15 has been implicated in adhesion as well as chemotaxis, phagocytosis, and bactericidal activity.

Antigen References: 1. Stocks SC, *et al.* 1990. *Biochem. J.* 268:275.