SONY

Product Data Sheet

PE/Cyanine7 anti-human CD15 (SSEA-1)

Catalog # / Size: 2215145 / 25 tests
2215150 / 100 tests

Clone: W6D3

Isotype: Mouse IgG1, κ

Immunogen: WERI-RB-1 retinoblastoma cell line

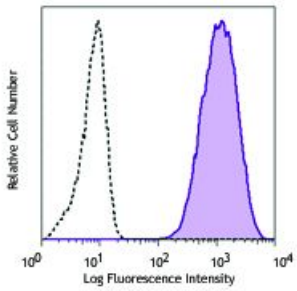
Reactivity: Human

Preparation: The antibody was purified by affinity chromatography and conjugated with PE/Cy7 under optimal conditions.

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

Workshop Number: HCDM listed

Concentration: Lot-specific



Human peripheral blood granulocytes were stained with CD15 (clone W6D3) PE/Cy7 (filled histogram) or mouse IgG1, κPE/Cy7 isotype control (open histogram).

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 µl per million cells or 5 µl per 100 µl of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

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.

For research use only. Not for diagnostic use. Not for resale. Sony Biotechnology Inc. will not be held responsible for patent infringement or other violations that may occur with the use of our products.
Sony Biotechnology Inc. 1730 North First Street, San Jose, CA 95112 www.sonybiotechnology.com