

# Product Data Sheet

## Alexa Fluor® 647 anti-human CD15 (SSEA-1)

**Catalog # / Size:** 323012 / 100 tests

**Clone:** W6D3

**Isotype:** Mouse IgG1,  $\kappa$

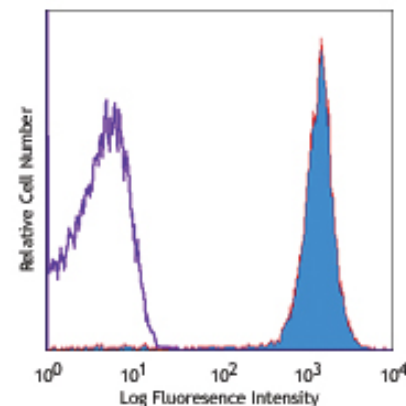
**Immunogen:** WERI-RB-1 retinoblastoma cell line

**Reactivity:** Human

**Preparation:** The antibody was purified by affinity chromatography, and conjugated with Alexa Fluor® 647 under optimal conditions. The solution is free of unconjugated Alexa Fluor® 647.

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

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



Human peripheral blood granulocytes stained with W6D3 Alexa Fluor® 647

## 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 5  $\mu$ l per million cells or 5  $\mu$ l per 100  $\mu$ l of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

\* Alexa Fluor® 647 has a maximum emission of 668 nm when it is excited at 633nm / 635nm.

\*\* Alexa Fluor® is a registered trademark of Molecular Probes, Inc. Alexa Fluor® dye antibody conjugates are sold under license from Molecular Probes, Inc. for research use only, except for use in combination with microarrays and high content screening, and are covered by pending and issued patents.

**Description:** CD15 is 3-fucosyl-N-acetylglucosamine (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.

### Related Products:

**Product**  
Cell Staining Buffer

Alexa Fluor® 647 Mouse IgG1,  $\kappa$  Isotype Ctrl (FC)

Human TruStain FcX™ (Fc Receptor Blocking Solution)

### Clone

MOPC-21

### Application

FC, ICC, ICFC

FC, IF

FC, ICC, ICFC



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