

**Pacific Blue™ anti-human CD15 (SSEA-1)**

**Catalog # / Size:** 2215120 / 100 µg  
2215105 / 25 tests

2215110 / 100 tests

**Clone:** W6D3

**Isotype:** Mouse IgG1, κ

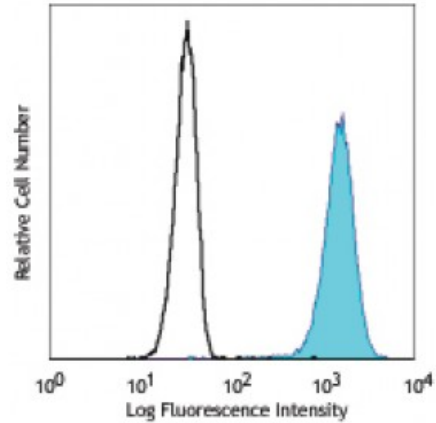
**Immunogen:** WERI-RB-1 retinoblastoma cell line

**Reactivity:** Human

**Preparation:** The antibody was purified by affinity chromatography, and conjugated with Pacific Blue™ under optimal conditions. The solution is free of unconjugated Pacific Blue™.

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

**Concentration:** test sizes: lot-specific; microg size: 0.5



Human peripheral blood granulocytes stained with W6D3 Pacific Blue™.

**Applications:**

**Applications:** Flow Cytometry

**Recommended Usage:** Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis.  
**For test sizes**, the suggested use of this reagent for immunofluorescent staining is 5 microL per 10<sup>6</sup> cells in 100 microL volume.  
**For microg size**, the suggested use of this reagent for immunofluorescent staining is ≤1.0 microg per 10<sup>6</sup> cells in 100 microL volume.  
It is recommended that the reagent be titrated for optimal performance for each application.

\* Pacific Blue™ has a maximum emission of 455 nm when it is excited at 405 nm. Prior to using Pacific Blue™ conjugate for flow cytometric analysis, please verify your flow cytometer's capability of exciting and detecting the fluorochrome.

**Application References:** 1. Iversen TZ, *et al.* 2014. *Clin Cancer Res.* 20:221. [PubMed](#)

**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.