

InnoCyto Inc.

15375 Barranca Pkwy, Suite I-103 Irvine, CA 92618

Technical Data Sheet

Anti-Human CD15

Catalog Number: 100701, 100702

Size: 100 ug, 500 ug

Target Name: CD15, Lewis X, 3-FAL, 3-FL, LNFP III, Lex, SSEA-1, X-hapten

Regulatory Status: RUO

Product Details

Clone: W6D3
Application: FC
Reactivity: Human
Format: Purified
Isotype: Mouse IgG1

Antibody Type: Monoclonal

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide

Protein Concentration: 0.5 mg/mL

Storage and Handling: The antibody solution should be stored between 2°C and 8°C

Recommended Usage: For flow cytometric staining, it is recommended to use less than 0.1 ug of this reagent per 0.5-1.0 million cells in a 100 μ L volume. Optimal reagent performance should be

determined by titration for each specific application

Background Information

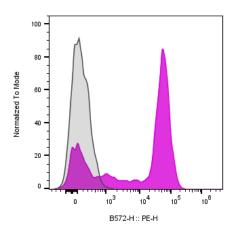
CD15, a carbohydrate adhesion molecule (not a protein) that mediates phagocytosis and chemotaxis, found on neutrophils; expressed in patients with Hodgkin disease, some B-cell chronic lymphocytic leukemias, acute lymphoblastic leukemias, and most acute nonlymphocytic leukemias. It is also called Lewis x and SSEA-1 (stage specific embryonic antigen 1) and represents a marker for murine pluripotent stem cells, in which it plays an important role in adhesion and migration of the cells in the preimplantation embryo.

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Human granulocytes were stained either with purified Anti-Human CD15 clone W6D3 (color-filled histogram) or an isotype control (gray histogram), followed by PE anti-mouse IgG.