

## Anti-Human CD15 (SSEA-1) Antibody

|                           |                                                              |
|---------------------------|--------------------------------------------------------------|
| <b>Catalog Number:</b>    | 100701, 100702                                               |
| <b>Size:</b>              | 100 ug, 500 ug                                               |
| <b>Target Name:</b>       | CD15, Lewis X, 3-FAL, 3-FL, LNFP III, Lex , SSEA-1, X-hapten |
| <b>Regulatory Status:</b> | RUO                                                          |

### PRODUCT DETAILS

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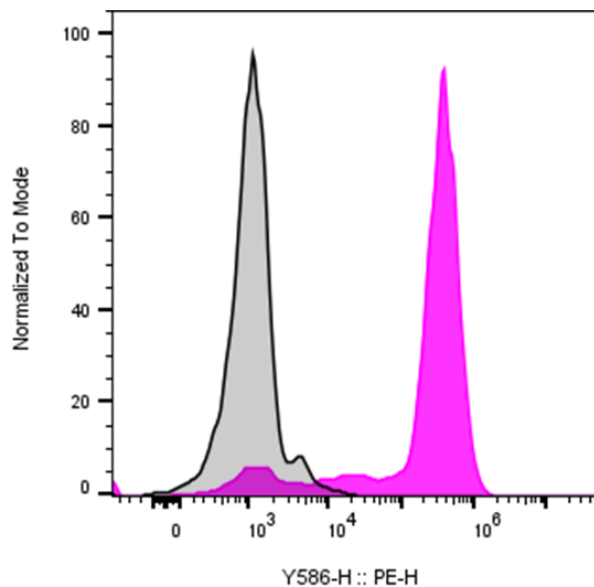
|                               |                                                                                                                                                                                                                                   |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clone:</b>                 | W6D3                                                                                                                                                                                                                              |
| <b>Application:</b>           | Flow Cytometry                                                                                                                                                                                                                    |
| <b>Reactivity:</b>            | Human                                                                                                                                                                                                                             |
| <b>Format:</b>                | Purified                                                                                                                                                                                                                          |
| <b>Isotype:</b>               | Mouse IgG1                                                                                                                                                                                                                        |
| <b>Antibody Type:</b>         | Monoclonal                                                                                                                                                                                                                        |
| <b>Formulation:</b>           | Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide                                                                                                                                                                |
| <b>Protein Concentration:</b> | 0.5 mg/mL                                                                                                                                                                                                                         |
| <b>Storage and Handling:</b>  | The antibody solution should be stored between 2°C and 8°C                                                                                                                                                                        |
| <b>Recommended Usage:</b>     | 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 µL volume. Optimal reagent performance should be determined by titration for each specific application |
| <b>Isotype Control:</b>       | 301401                                                                                                                                                                                                                            |
| <b>Storage&amp;Handling:</b>  | The antibody solution should be stored between 2°C and 8°C                                                                                                                                                                        |

### BACKGROUND INFORMATION

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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.

## PRODUCT DATA



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

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