

## 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

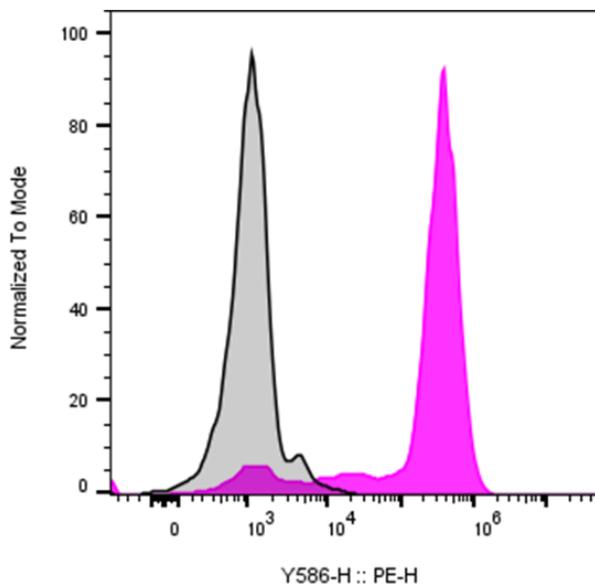
### BACKGROUND INFORMATION

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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

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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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