

## Purified Anti-Human CD15/SSEA-1 Antibody[HI98]

**catalog number: E-AB-F1079A**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

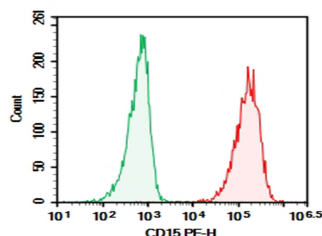
### Description

<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgM, $\kappa$
<b>Clone</b>	HI98
<b>Buffer</b>	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

### Applications Recommended Dilution

<b>FCM</b>	2 $\mu\text{g/mL}$ ( $1 \times 10^5$ - $5 \times 10^5$ cells)
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### Data



Human peripheral blood Granulocytes were stained with 0.2  $\mu\text{g}$  Purified Anti-Human CD15/SSEA-1 Antibody[HI98] (Right) and 0.2  $\mu\text{g}$  Mouse IgM,  $\kappa$  Isotype Control (Left), followed by PE-conjugated Goat Anti-Mouse IgM Secondary Antibody.

### Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	Ice bag

### Background

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.

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