

Biotin Anti-Human CD15/SSEA-1 Antibody[HI98]

Catalog Number: GFH1079B

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

Description

Reactivity	Human
Host	Mouse
Isotype	Mouse IgM, κ
Clone No.	HI98
Isotype Control	Biotin Mouse IgM, κ Isotype Control[MM-30] [Product E-AB-F09783B]
Conjugation	Biotin
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide.

Applications

Recommended usage

FCM

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 12 months. Do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	3-FAL;3-FL;LNFP III;Lewis X;LexSSEA-1;X-hapten;SSEA-1
Uniprot ID	P22083
Gene ID	2526
Background	CD15 is 3-fucosyl-N-acetylactosamine (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.