

Manufacturer/Supplier:

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Product name: Anti-Human CD57 Monoclonal Antibody(Biotin
Conjugated)

Catalog: DL20828F

Synonyms: Galactosylgalactosylxylosylprotein
3-beta-glucuronosyltransferase
1,B3GAT1,GlcAT-P,GlcUAT-P,GLCATP

Background: CD57, also known as HNK-1, NK-1, and Leu-7 is a 100-115 kD oligosaccharide antigenic determinant expressed on a variety of proteins, lipids, and chondroitin sulfate proteoglycans. CD57 is expressed on a subset of peripheral blood lymphocytes, including NK cells and CD8+ T cells, and is also expressed on neural cells and striated muscle. CD57 is not expressed on red blood cells, granulocytes, monocytes, or platelets. While the function of CD57

is unknown, binding to L-selectin, P-selectin, and a fragment of laminin suggests that CD57 may be involved in cell-matrix interactions. CD57 is increased in some disease states associated with CD4/CD8 imbalances (AIDS, autoimmune disease, viral infections, and allograft transplants).

Form: Liquid

Isotype: Mouse IgM

Size: 25µg/100µg

Host: Mouse

Reactivity: Human

Application: FCM

Concentration: 0.5 mg/mL

Conjugation: Biotin

SwissProt: Q9P2W7

Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

Recommended Use:

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.

Storage:

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.