

**Manufacturer/Supplier:**

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**Product name:** Anti-Human CD57 Monoclonal  
Antibody(PE/Cyanine7 Conjugated)

**Catalog:** DL20833F

**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:**

20Tests/100Tests/100Tests×2

**Host:** Mouse

**Reactivity:** Human

**Application:** FCM

**Concentration:** 5 µL

**Conjugation:** PE/Cyanine7

**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. The amount of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 µL staining volume or per 100 µL of whole blood). Please check your vial before the experiment.

Since applications vary, the appropriate dilutions must be determined for individual use.

**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.