

**Manufacturer/Supplier:**

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**Product name:** Anti-Human CD56 Monoclonal  
Antibody(PE/Cyanine5.5 Conjugated)

**Catalog:** DL22227F

**Synonyms:** Neural cell adhesion molecule  
1, NCAM1, N-CAM-1, NCAM-1, NCAM

**Background:** CD56 is a single transmembrane glycoprotein also known as NCAM (Neural Cell Adhesion Molecule), Leu-19, or NKH1. It is a member of the Ig superfamily. The 140 kD isoform is expressed on NK cells and NK-T cells. CD56 is also expressed in the brain (cerebellum and cortex) and at neuromuscular junctions. Certain large granular lymphocyte (LGL) leukemias, small-cell lung carcinomas, neuronal derived tumors, myelomas, and myeloid leukemias also express CD56. CD56 plays a role in homophilic

and heterophilic adhesion via binding to itself or heparin sulfate.

**Form:** Liquid

**Isotype:** Mouse IgG1,  $\kappa$

**Size:** 20 Tests/50 Tests/100 Tests/200 Tests

**Host:** Mouse

**Reactivity:** Human

**Application:** FCM

**Concentration:**

**Conjugation:** PE/Cyanine5.5

**SwissProt:** P13591

**Buffer:** PBS with 0.05% Proclin300, 1% BSA

### **Recommended Use:**

Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. The amount of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ l staining volume or per 100  $\mu$ l 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.