

A Reliable Research Partner in Life Science and Medicine

PE/Cyanine 5.5 Anti-Human CD56/NCAM Antibody [B-A19]

Catalog Number: E-AB-F1305I

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

Description

Reactivity Human;Rhesus;Cynomolgus

Host Mouse

 $\textbf{Isotype} \hspace{1cm} \textbf{Mouse IgG1, } \kappa$

Clone No. B-A19

Isotype Control PE/Cyanine5.5 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792I]

Conjugation PE/Cyanine 5.5

Conjugation Information PE/Cyanine5.5 is designed to be excited by the Blue (488 nm), Green (532 nm) and

yellow-green (561 nm) lasers and detected using an optical filter centered near 690 nm

(e.g., a 690/50 nm bandpass filter).

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

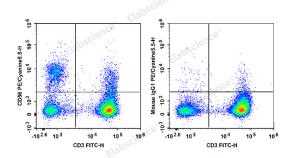
Applications Recommended usage

FCM Each lot of this antibody is quality control tested by flow cytometric analysis. The amount

of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

Data



Human peripheral blood lymphocytes are stained with FITC Anti-Human CD3 Antibody and PE/Cyanine5.5 Anti-Human CD56 Antibody (Left). Lymphocytes are stained with FITC Anti-Human CD3 Antibody and PE/Cyanine5.5 Mouse IgG1, κ Isotype Control (Right).

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

Antigen Information

Alternate Names N-CAM-1;NCAM;NCAM-1;NCAM1;Neural cell adhesion molecule 1

Uniprot ID P51677

For Research Use Only

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Gene ID Background 4684

CD56 is a single transmembrane glycoprotein also known as NCAM (neural cell adhesion molecule), Leu-19, or NKH1. It is a member of the lg superfamily. The 140 kD isoform is expressed on NK and NKT 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 heparan sulfate.

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