

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® 488 Anti-Human CD56/NCAM Antibody[MY31]

Catalog Number: E-AB-F1270L

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

Description

Reactivity Human Mouse Host

Isotype Mouse IgG1, ĸ

Clone No. **MY31**

Isotype Control Elab Fluor® 488 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792L]

Conjugation Elab Fluor®488

Conjugation Information Elab Fluor® 488 is designed to be excited by the Blue laser (488 nm) and detected using

an optical filter centered near 520 nm (e.g., a 525/40 nm bandpass filter).

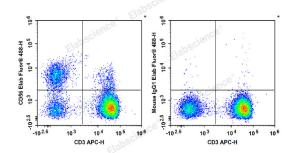
Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. Storage Buffer

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 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.

Data



Human peripheral blood lymphocytes are stained with APC

Anti-Human CD3 Antibody and Elab Fluor® 488 Anti-Human CD56 Antibody (Left). Lymphocytes are stained with APC

Anti-Human CD3 Antibody and Elab Fluor® 488 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 Leu-19NKH-1;CD56;CD56 antigen;Leu;Leu-19;MSK;MSK39;N-CAM;N-CAM-1;NCAM;

> NCAM-1;NCAM1;NCAM1 /CD;NCAM1 /CD56;NKH;NKH1;Neural cell adhesion molecule 1;antigen MSK39 identified by monoclonal 5.1H11;antigen recognized by monoclon;

neural cell adhesion molecule

For Research Use Only

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Uniprot ID Gene ID

Background

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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.