

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® Red 780 Anti-Human CD56/NCAM Antibody[5.1H11]

Catalog Number: E-AB-F1239S

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

Description

Reactivity Human Host Mouse

Isotype Mouse IgG1, κ

Clone No. 5.1H11

Isotype Control Elab Fluor® Red 780 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792S]

Conjugation Elab Fluor[®] Red 780

Conjugation Information Elab Fluor[®] Red 780 is designed to be excited by the Red (627-640 nm) laser and

detected using an optical filter centered near 770 nm (e.g., a 780/60 nm bandpass filter).

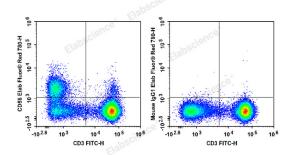
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

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 Elab Fluor® Red 780 Anti-Human CD56 Antibody (Left). Lymphocytes are stained with

FITC Anti-Human CD3 Antibody and Elab Fluor[®] Red 780 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 lce bag

Antigen Information

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

 Uniprot ID
 P13591

 Gene ID
 4684

For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web:www.elabscience.com Email:techsupport@elabscience.com

Elabscience®

Elabscience Bionovation Inc.

A Reliable Research Partner in Life Science and Medicine

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 lg 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.

Fax: 1-832-243-6017