

A Reliable Research Partner in Life Science and Medicine

PE/Elab Fluor® 594 Anti-Human CD166 Antibody[3A6]

Catalog Number: AN00426P

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

Description

Reactivity Human Host Mouse

Isotype Mouse IgG1, κ

Clone No. 3A6

Isotype Control

PE/Elab Fluor® 594 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792P]

Conjugation PE/Elab Fluor® 594

Conjugation Information PE/Elab Fluor® 594 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 620 nm

(e.g., a 610/20 nm bandpass filter).

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

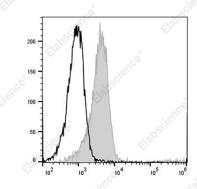
Applications Recommended usage

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



Staining of normal human peripheral blood cells with PE/Elab Fluor® 594 Anti-Human CD166 Antibody[3A6] (filled gray histogram) or PE/Elab Fluor® 594 Mouse IgG1, κ Isotype Control (empty black histogram). Cells in the monocytes gate were used for analysis.

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 CD6 ligand; Activated Leukocyte Cell Adhesion Molecule (ALCAM)

Uniprot ID Q13740

For Research Use Only

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Gene ID Background

214

CD166, also known as the CD6 ligand or the Activated Leukocyte Cell Adhesion Molecule (ALCAM), is a 100-105 kD transmembrane glycoprotein. It belongs to the lg superfamily of proteins and expressed on activated T cells, activated monocytes, epithelial cells, fibroblasts, and neurons. CD166 plays an important role in mediating adhesion interactions between thymic epithelial cells and CD6+ cells during intrathymic T cell development. Recently CD166 has also been used as a potential cancer stem cell marker. The antibody reacts with human activated leukocyte cell adhesion molecule (ALCAM).