

A Reliable Research Partner in Life Science and Medicine

APC Anti-Human CD70 Antibody[113-16]

113-16

Catalog Number: AN00424E

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

Description

Clone No.

Reactivity Human Host Mouse

Isotype Mouse IgG1, κ

Isotype Control APC Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792E]

Conjugation APC

Conjugation Information APC is designed to be excited by the Red (627-640 nm) laser and detected using an

optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).

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

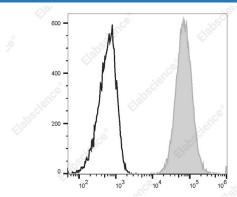
Applications Recommended usage

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 the U266 cell line with APC Anti-Human CD70 Antibody[113-16] (filled gray histogram) or APC Mouse IgG1, κ Isotype Control (empty black histogram). Total viable cells were used for analysis.

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8 $^{\circ}\text{C}$ for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

Antigen Information

Alternate Names CD27 ligand;CD27L;Ki-24 antigen;Tumor necrosis factor ligand superfamily;member 7

(TNFSF7)

 Uniprot ID
 P32970

 Gene ID
 970

For Research Use Only

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Background

CD70, also known as CD27L, is a 50 kD type II transmembrane glycoprotein and member of the tumor necrosis factor superfamily. CD70 is expressed on activated T, B and NK cells, activated plasmacytoid dendritic cells (pDCs), and chronic B cell lymphocytic leukemia and large B cell lymphomas. CD70 costimulates T cell proliferation and differentiation. It plays a role in the pDC-induced B cell differentiation. The ligand of CD70 is CD27.

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