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PE/Elab Fluor® 594 Anti-Human CD83 Antibody[HB15e]

Catalog Number: E-AB-F0993P

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

Description

Reactivity Human Host Mouse

Isotype Mouse IgG1, κ

Clone No. HB15e

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.

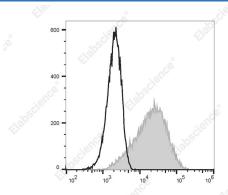
Applications Recommended usage

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



PMA and ionomycin-stimulated (4h) Jurkat cells are stained with PE/Elab Fluor 594 Anti-Human CD83 Antibody[HB15e] (filled gray histogram) or PE/Elab Fluor 594 Mouse IgG1, κ Isotype Control (empty black histogram).

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 BL11;CD83;HB15

 Uniprot ID
 Q01151

 Gene ID
 9308

For Research Use Only

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Background

CD83 is a 43 kD single chain type I glycoprotein also known as HB15. A member of the immunoglobulin superfamily, CD83 is expressed on a subset of dendritic cells, Langerhans cells, and weakly on activated lymphocytes. Although CD83 is thought to play a role in antigen presentation and/or lymphocyte activation, the precise function of this protein is unknown. CD83 is considered to be a useful marker for mature dendritic cells.