

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® 488 Anti-Mouse CD27 Antibody[LG.3A10]

Catalog Number: AN00322L

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

Description

Reactivity Mouse

Host Armenian Hamster Isotype Armenian Hamster IgG

Clone No. LG.3A10

Isotype Control [Product E-AB-F09852L]

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).

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

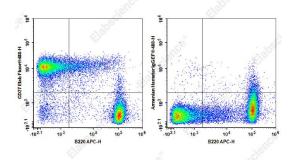
Applications Recommended usage

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 C57BL/6 murine splenocytes cells with APC Anti-

Mouse B220 Antibody and Elab Fluor[®] 488 Anti-Mouse CD27 Antibody[LG.3A10] (left) or Elab Fluor[®] 488 Armenian Hamster IgG Isotype Control (right). Total viable cells 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 lce bag

Antigen Information

Alternate Names T14;S152;Tp55;TNFRSF7

 Uniprot ID
 P41272

 Gene ID
 21940

For Research Use Only

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Elabscience Bionovation Inc.

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Background

Elabscience®

CD27 is also known as S152 and T14. A member of the tumor necrosis factor receptor (TNFR) superfamily, CD27 is a 45 kD protein expressed on peripheral T cells, memory B cells, NK cells, and thymocyte subset. Through its ligand, CD70, CD27 plays a key role in T cell and B cell interactions. Additionally, ligation of CD27 on naïve T cells may be important in their maturation to effector cells.

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