

A Reliable Research Partner in Life Science and Medicine

FITC Anti-Mouse Perforin Antibody[S16009A]

Catalog Number: E-AB-F1294UC

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

Description

Reactivity Mouse Rat Host

Isotype Rat IgG2a, ĸ S16009A Clone No.

FITC Rat IgG2a, k Isotype Control[2A3] [Product E-AB-F09833C] Isotype Control

Conjugation

Conjugation Information FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical

filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).

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

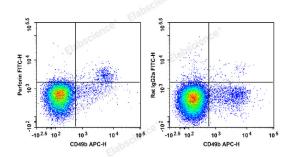
Applications Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. Please **FCM**

check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 μg/10⁶ cells

in 100 µL volume].

Data



C57BL/6 murine splenocytes are stained with APC Anti-Mouse CD49b Antibody and FITC Anti-Mouse Perforin Antibody (Left). Splenocytes are stained with APC Anti-Mouse CD49b Antibody and FITC Rat IgG2a, 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 Ice bag

Antigen Information

Alternate Names PfnPfn-1Pfp;Cytolysin;Lymphocyte pore-forming protein;Prf1

Uniprot ID P10820 Gene ID 18646

For Research Use Only

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

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

Elabscience Bionovation Inc.



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Background

Perforin is a 70 kD cytolytic protein that is expressed in the cytoplasmic granules of cytotoxic T lymphocytes (CTLs) and natural killer (NK) cells. Perforin is one of the major effector molecules used by cytotoxic T cells and NK cells to mediate targeted cell lysis.

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