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Elab Fluor® 488 Anti-Mouse Perforin Antibody[S16009A]

Catalog Number: E-AB-F1294UL

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

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Reactivity Mouse Host Rat

Isotype Rat IgG2a, κ **Clone No.** S16009A

Isotype Control Elab Fluor® 488 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09833L]

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. Please

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 $0.1-1~\mu g/10^6$ cells

in 100 µL volume].

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

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.

Rev. V1.8

For Research Use Only

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

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