

A Reliable Research Partner in Life Science and Medicine

PE Anti-Mouse CD127/IL-7RA Antibody[A7R34]

Catalog Number: E-AB-F1023UD

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

Description

Reactivity Mouse Host Rat

Isotype Rat IgG2a, κ
Clone No. A7R34

Isotype Control PE Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09833D]

Conjugation PE

Conjugation Information PE 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 575 nm (e.g., a 585/42

nm bandpass filter).

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

Applications Recommended usage

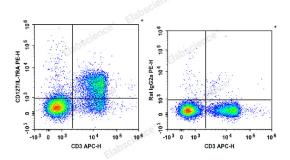
FCM Each lot of this antibody is quality control tested by flow cytometric analysis. Please

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 μg/10⁶ cells

in 100 µL volume].

Data



C57BL/6 murine splenocytes are stained with APC Anti-Mouse CD3 Antibody and PE Anti-Mouse CD127/IL-7RA Antibody (Left). Splenocytes are stained with APC Anti-Mouse CD3 Antibody and PE 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 CD127;IL-7 receptor subunit alpha;IL-7R subunit alpha;IL-7R-alpha;IL-7RA;II7r;

Interleukin-7 receptor subunit alpha

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

Elabscience®

Elabscience Bionovation Inc.

A Reliable Research Partner in Life Science and Medicine

Uniprot ID P16872 Gene ID 16197 **Background**

CD127 is a 60-90 kD type I transmembrane glycoprotein also known as IL-7 receptor α chain or IL-7Rα. It forms a heterodimer with the common γ chain (γc or CD132) which is shared with the receptors for IL-2, IL-4, IL-9, IL-13, IL-15, and IL-21. CD127 is expressed on immature B cells through early pre-B stage, thymocytes (except CD4/ CD8 double positive thymocytes), peripheral T cells, and bone marrow stromal cells. CD127 has been reported to be an useful marker for identifying memory and effector T cells. The ligation of IL-7 with its receptor is important for stimulation of mature and immature T cells as well as immature B cells proliferation and development.

Fax: 1-832-243-6017 Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Web:www.elabscience.com Email:techsupport@elabscience.com