

PE Anti-Human CD127 (IL-7R α) Antibody

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| Catalog Number: | 104809, 104810 |
| Size: | 25 tests, 100 tests |
| Target Name: | CD127, IL-7 receptor α chain, IL-7R α |
| Regulatory Status: | RUO |

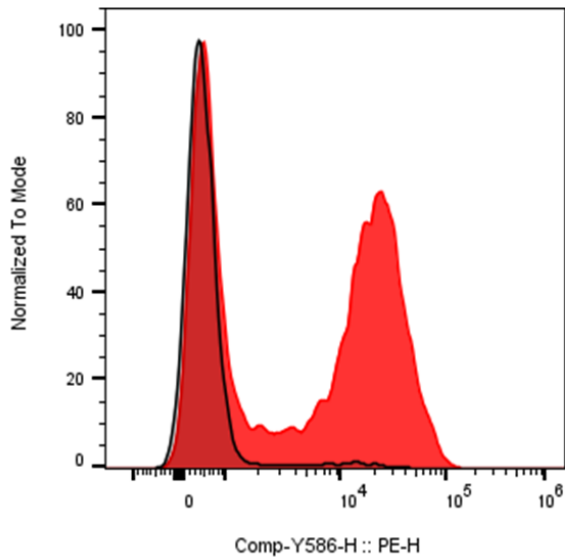
PRODUCT DETAILS

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| Clone: | 127AB |
| Application: | Flow Cytometry |
| Reactivity: | Human |
| Format: | PE |
| Isotype: | Rabbit IgG |
| Antibody Type: | Monoclonal |
| Formulation: | Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA |
| Protein Concentration: | Supplied at a lot-specific concentration. |
| Storage&Handling: | The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze. |
| Recommended Usage: | For flow cytometric staining, it is recommended to use 5 μ L of this reagent per 0.5-1.0 million cells in a 100 μ L volume. Optimal reagent performance should be determined by titration for each specific application. |
| Excitation Laser: | Blue Laser (488 nm) Green/Yellow laser (532/561nm) |

BACKGROUND INFORMATION

The interleukin-7 receptor is a protein found on the surface of cells. It is made up of two different smaller protein chains - i.e. it is a heterodimer, and consists of two subunits, interleukin-7 receptor- α (CD127) and common- γ chain receptor (CD132). The common- γ chain receptors is shared with various cytokines, including interleukin-2, -4, -9, and -15. Interleukin-7 receptor is expressed on various cell types, including naive and memory T cells and many others. Interleukin-7 receptor has been shown to play a critical role in the development of immune cells called lymphocytes.

PRODUCT DATA



Human peripheral blood lymphocytes was stained with PE Anti-Human CD127 clone 127AB (color-filled histogram) or an isotype control (gray histogram).

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