Product Datasheet

PerCP/Cyanine5.5 Anti-Mouse CD127/IL-7RA Antibody [A7R34]
Catalogue Code: AGEL0752

Antibody Data

Product SKU:	**AGEL0752**	**Clone:**	**A7R34**
Applications:	**FCM**		
Reactivity:	**Mouse**		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

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Alternate Names:	Interleukin-7 receptor subunit alpha;Il7r;IL-7 receptor subunit alpha;IL-7R subunit alpha;IL-7R-alpha;IL-7RA;CD127;
Uniprot ID:	P16872
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.

Form:	Liquid
Conjugation:	PerCP/Cyanine 5.5
Size:	25µg, 100µg
Host Species:	Rat
Isotype:	Rat IgG2a, κ

PerCP/Cyanine5.5 Excitation and Emission Spectra
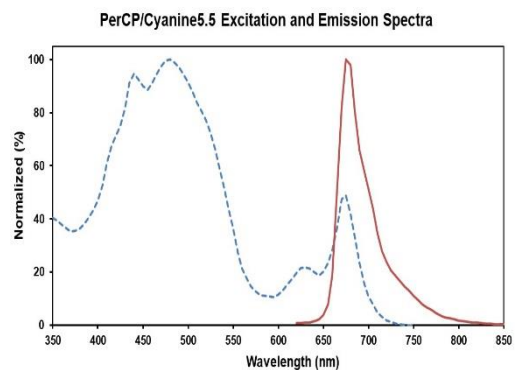
Ex:440;480;675 nm; Em:675 nm

Isotype Control:	PerCP/Cyanine5.5 Rat IgG2a, κ Isotype Control[2A3] [Product AGEL0752]
Storage Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Shipping:	Biological ice pack at 4℃

Stability & Storage: Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

Recommended Usage: 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].