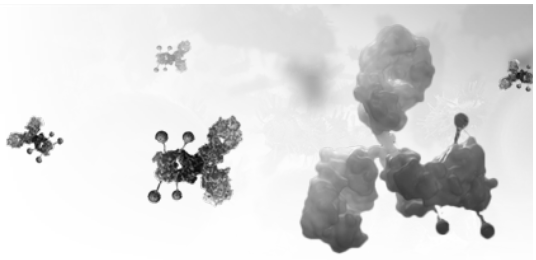

Anti-IL7R monoclonal antibody, clone SB/199 (CABT-50636RM)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rat anti Mouse CD127 antibody, clone SB/199 recognizes the alpha chain of the murine interleukin-7 receptor (IL-7R), which is also known as CD127. CD127 is a 65-75kD transmembrane glycoprotein that associates with the interleukin-2 receptor gamma chain to form the functional high affinity IL-7 receptor. CD127 is expressed on lymphoid precursors in the bone marrow, pro-B cells, a subpopulation of thymocytes, T-cells and monocytes. CD127 is the specific receptor for IL-7 and the IL-7 receptor plays a critical role in lymphoid development. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.
Specificity	IL7R
Immunogen	Pre-B cell line 1A9
Isotype	IgG2b
Source/Host	Rat
Species Reactivity	Mouse
Clone	SB/199
Conjugate	Unconjugated
Applications	FC
Format	Purified IgG - liquid
Size	100 µg
Preservative	See individual product datasheet
Storage	in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may

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denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	Il7r interleukin 7 receptor [Mus musculus (house mouse)]
Official Symbol	IL7R
Synonyms	IL7R; interleukin 7 receptor; CD127; IL-7Ralpha; interleukin-7 receptor subunit alpha; IL-7RA; IL-7R-alpha; IL-7R subunit alpha; IL-7 receptor alpha chain; IL-7 receptor subunit alpha; interleukin 7 receptor alpha chain;
Entrez Gene ID	16197
Protein Refseq	NP_032398
UniProt ID	P16872
Chromosome Location	15 A1; 15 4.16 cM
Pathway	Cytokine Signaling in Immune system; Cytokine-cytokine receptor interaction; FoxO signaling pathway; Hematopoietic cell lineage; IL-7 Signaling Pathway; Immune System; Interleukin-7 signaling; Jak-STAT signaling pathway;
Function	cytokine receptor activity;

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