

Rat anti-Mouse CD127 Monoclonal Antibody | anti-CD127 antibody

Anti-Mouse CD127 Monoclonal Antibody (PE/Cy5 Conjugated)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174610	Rat	Mouse	Flow Cytometry, Functional Assay

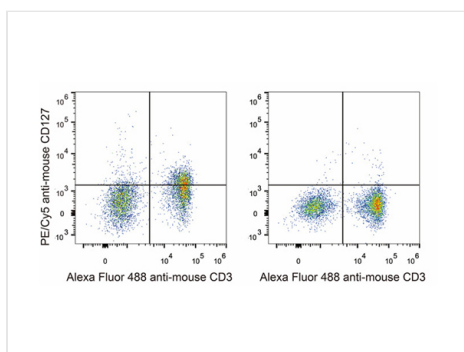
PRODUCT SYNONYMS

CD127; Monoclonal Antibody; Anti-Mouse CD127 Monoclonal Antibody (PE/Cy5 Conjugated); Interleukin-7 receptor subunit alpha; IL7r; IL-7 receptor subunit alpha; IL-7R subunit alpha; IL-7R-alpha; IL-7RA; anti-CD127 antibody

PRODUCT SPECIFICATIONS

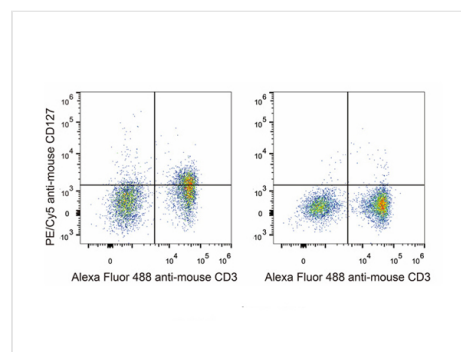
Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	A7R34
Form/Format	Liquid; PBS with 0.05% Proclin300, 1% BSA
Sequence Length	459
Applicable Applications for anti-CD127 antibody	FCM/FACS (Flow Cytometry)
Conjugation	PE/Cy5
Preparation and Storage	Store at 2-8 degree C and protected from prolonged exposure to light. Do not freeze.

IMAGES



FCM/FACS (Flow Cytometry)

C57BL/6 murine splenocytes are stained with Anti-Mouse CD127 Monoclonal Antibody(PE/Cy5 Conjugated)(left). Splenocytes stained with Anti-Mouse CD3 Monoclonal Antibody(Alexa Fluor 488 Conjugated)(right) are used as control.



FCM/FACS (Flow Cytometry)

Flow cytometry antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CD127 antibody	CD127 is a 60-90 kD type I transmembrane glycoprotein also known as IL-7 receptor alpha chain or IL-7Ralpha. It forms a heterodimer with the common gamma chain (gammac 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.
References	1. Sudo T, et al. 1993. P. Natl. Acad. Sci. USA 90:9125. 2. Okuno Y, et al. 2001. P. Natl. Acad. Sci. USA 99:6246. 3. Pillai M, et al. 2004. Leukemia Lymphoma 45:2403.

NCBI AND UNIPROT INFORMATION

NCBI GI #	341940827
NCBI GeneID	16197
UniProt Accession #	P16872
NCBI Official Full Name	Interleukin-7 receptor subunit alpha
NCBI Official Synonym Full Names	interleukin 7 receptor
NCBI Official Symbol	IL7r
NCBI Official Synonym Symbols	CD127; IL-7Ralpha
NCBI Protein Information	interleukin-7 receptor subunit alpha
UniProt Protein Name	Interleukin-7 receptor subunit alpha
UniProt Gene Name	IL7r
UniProt Synonym Gene Names	IL-7 receptor subunit alpha; IL-7R subunit alpha; IL-7R-alpha; IL-7RA
UniProt Entry Name	IL7RA_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd127-antibody-clone-a7r34-flow-cytometry-elisa/174610>