

Datasheet for ABIN7076353
anti-IL7R antibody (PE)



[Go to Product page](#)

1 Image

Overview

Quantity:	50 tests
Target:	IL7R
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL7R antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	CD127 PE Antibody
Immunogen:	Purified homodimeric form of T-ALL mutant and monomeric WT hIL-7Ralpha conjugated KLH
Clone:	4G8
Isotype:	IgG1, kappa
Characteristics:	The clone 4G8, a mouse monoclonal antibody selectively recognizes a 60-90 kDa surface type 1 transmembrane glycoprotein antigen known as CD127 or IL-7 receptor α chain (IL-7R α). CD127 forms a heterodimer with the common γ chain of the receptors of several cytokines such as IL-2, IL-4, IL-9, IL-13, IL-15, and IL-21. It is widely expressed on different subsets of B cells, peripheral T cells and bone marrow stromal cells. CD127 plays important role in the generation of memory and effector T cells as well as functional B cells.
Purification:	Purified
Purity:	>95 %

Product Details

Grade: GMP Grade (Analyte)

Target Details

Target: IL7R

Alternative Name: CD127 ([IL7R Products](#))

Gene ID: 3575

UniProt: [P16871](#)

Pathways: [JAK-STAT Signaling](#), [Regulation of Leukocyte Mediated Immunity](#), [Production of Molecular Mediator of Immune Response](#), [Regulation of Cell Size](#)

Application Details

Application Notes: FC: 5 µL/test We recommend that every lab carries out an initial titration study before running your samples to ensure that the optimal concentration is selected for your application.

Restrictions: For Research Use only

Handling

Format: Liquid

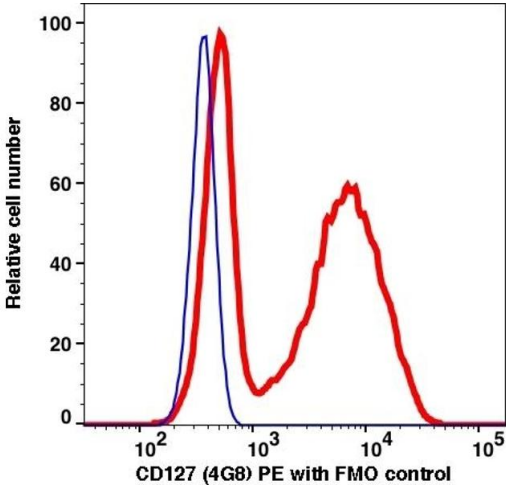
Buffer: PBS, pH 7.2, 0.09 % Sodium azide and 0.2 % (w/v) BSA

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: 2-8°C, Conjugated antibodies should never be frozen.



Flow Cytometry

Image 1.