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Datasheet for ABIN7268005

anti-IL7R antibody

2 Images

Overview

Quantity:	100 µL
Target:	IL7R
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This IL7R antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	CD127/IL7R Rabbit mAb
Immunogen:	A synthesized peptide derived from human CD127/IL7R
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	IL7R
Alternative Name:	IL7R (IL7R Products)
Background:	The protein encoded by this gene is a receptor for interleukin 7 (IL7). The function of this

Target Details

receptor requires the interleukin 2 receptor, gamma chain (IL2RG), which is a common gamma chain shared by the receptors of various cytokines, including interleukins 2, 4, 7, 9, and 15. This protein has been shown to play a critical role in V(D)J recombination during lymphocyte development. Defects in this gene may be associated with severe combined immunodeficiency (SCID). Alternatively spliced transcript variants have been found. [provided by RefSeq, Dec 2015],CD127, CDW127, IL-7R-alpha, IL7RA, ILRA,CDs,Cell Intrinsic Innate Immunity Signaling Pathway,Cytokines,Cytokines_Interleukins,Hematopoietic Progenitors,Immunology & Inflammation,Stem Cells,IL7R

Molecular Weight: 65-90kDa

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: WB,1:500 - 1:2000,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

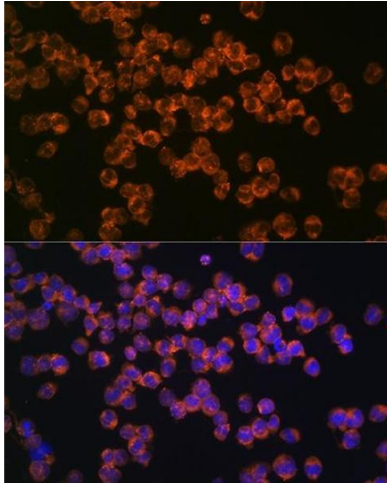
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

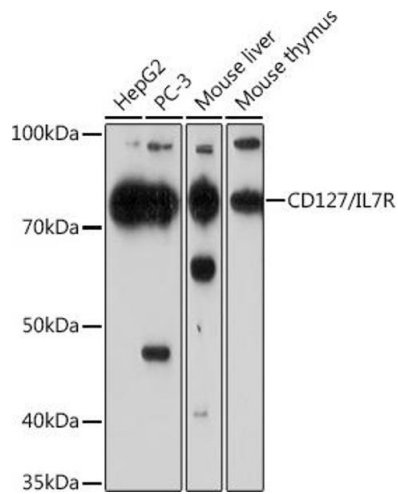
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of K562 cells using CD127/IL7R Rabbit mAb (ABIN7268005) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using CD127/IL7R Rabbit mAb (ABIN7268005) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.