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Datasheet for ABIN7193312  
**anti-IL7R antibody (AA 21-239)**

5 Images

### Overview

Quantity:	0.1 mg
Target:	IL7R
Binding Specificity:	AA 21-239
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL7R antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Neutralization (Neut)

### Product Details

Immunogen:	Purified recombinant fragment of human CD127 (AA: extra 21-239) expressed in E. coli.
Clone:	3F5D9
Isotype:	IgG2b
Purification:	purified

### Target Details

Target:	IL7R
Alternative Name:	CD127 ( <a href="#">IL7R Products</a> )
Background:	Description: The protein encoded by this gene is a receptor for interleukin 7 (IL7). The function

## Target Details

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of this 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.

Aliases: IL7R, ILRA, IL7RA, CDW127, IL-7R-alpha

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Molecular Weight: 51.6 kDa

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Gene ID: 3575

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

## Application Details

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Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400, ICC: N/A, IHC: N/A

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Restrictions: For Research Use only

## Handling

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Buffer: Purified antibody in PBS with 0.05 % sodium azide

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Preservative: Sodium azide

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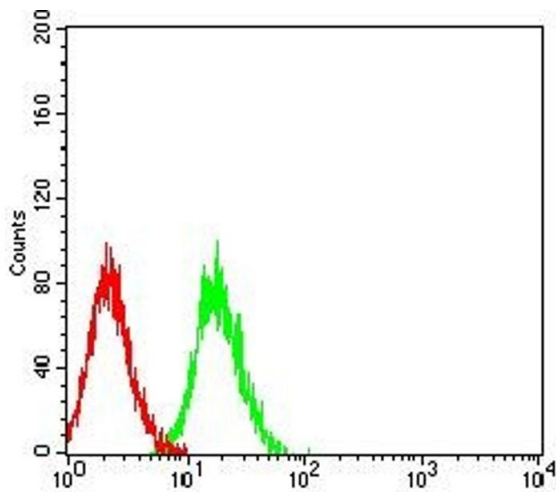
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C/-20 °C

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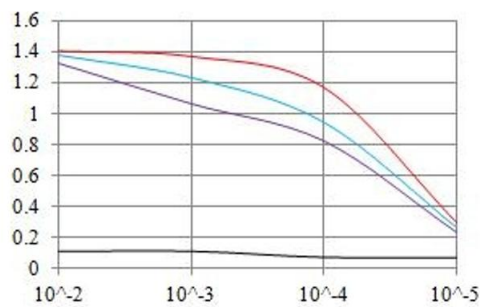
Storage Comment: 4°C, -20°C for long term storage



### Flow Cytometry

**Image 1.** Flow cytometric analysis of HL-60 cells using CD127 mouse mAb (green) and negative control (red).

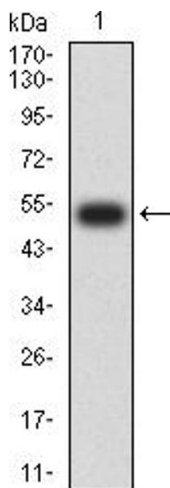
### O.D. ELISA Result



— Control Antigen = 100ng — Antigen = 10ng  
 — Antigen = 50ng — Antigen = 100ng

### ELISA

**Image 2.** Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)



### Western Blotting

**Image 3.** Western blot analysis using CD127 mAb against human CD127 (AA: extra 21-239) recombinant protein. (Expected MW is 51 kDa)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7193312.