

## CD127 Monoclonal Antibody

### Description

<b>Product type</b>	Antibody
<b>Code</b>	BT-MCA2785
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG2b
<b>Size</b>	100µL, 50µL
<b>Immunogen</b>	Purified recombinant fragment of human CD127 (AA: extra 21-239) expressed in E. Coli.
<b>Mol wt</b>	51.6kDa
<b>Species reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	WB,FCM
<b>Concentration</b>	N/A
<b>Full name</b>	N/A
<b>Synonyms</b>	IL7R;ILRA;IL7RA;CDW127;IL-7R-alpha

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

The protein encoded by this gene is a receptor for interleukin 7 (IL7). The function 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.

### Recommended Dilution

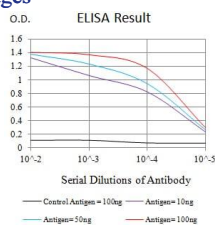
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

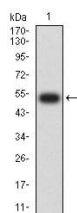
ELISA: 1:10000

Not yet tested in other applications.

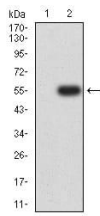
### Images



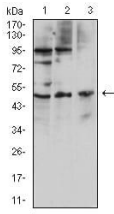
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



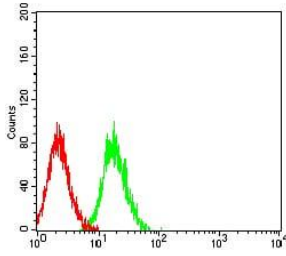
Western blot analysis using CD127 mAb against human CD127 (AA: extra 21-239) recombinant protein. (Expected MW is 51 kDa)



Western blot analysis using CD127 mAb against HEK293 (1) and CD127 (AA: extra 21-239)-hlgGFc transfected HEK293 (2) cell lysate.



Western blot analysis using CD127 mouse mAb against HeLa (1), HL-60 (2), and U937 (3) cell lysate.



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

### Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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