

## IL-7R(Phospho Tyr449) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP10349
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human IL-7R/CD127 around the phosphorylation site of Tyr449. AA range:410-459
<b>Mol wt</b>	51567
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IF, ICC, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Interleukin-7 receptor subunit alpha
<b>Synonyms</b>	Interleukin-7 receptor subunit alpha; IL7R; Interleukin-7 receptor subunit alpha; IL-7 receptor subunit alpha; IL-7R subunit alpha; IL-7R-alpha; IL-7RA; CDw127; CD antigen CD127

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

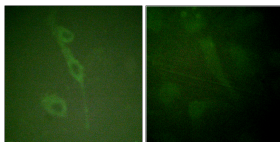
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

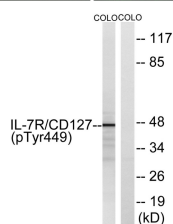
ELISA: 1: 10000

Not yet tested in other applications.

### Images



Immunofluorescence analysis of HUVEC cells, using IL-7R/CD127 (Phospho-Tyr449) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from COLO205 cells, using IL-7R/CD127 (Phospho-Tyr449) Antibody. The lane on the right is blocked with the phospho peptide.

## Storage

-20°C for 1 year

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