

Datasheet for ABIN1531667

anti-IL4 Receptor antibody (pTyr497)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	IL4 Receptor (IL4R)
Binding Specificity:	AA 463-512, pTyr497
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL4 Receptor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human IL-4R/CD124 around the phosphorylation site of Tyr497.
Isotype:	IgG
Specificity:	IL-4R/CD124 (Phospho-Tyr497) Antibody detects endogenous levels of IL-4R/CD124 only when phosphorylated at Tyr497. PhosphorylationH:Y497 M:Y500
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

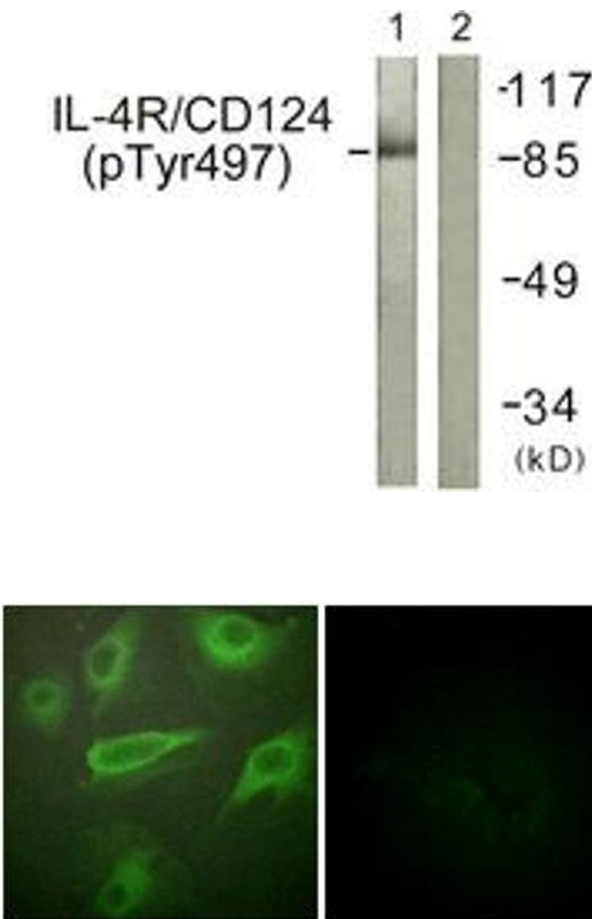
Target:	IL4 Receptor (IL4R)
Alternative Name:	IL-4R/CD124 (IL4R Products)
Background:	Synonyms: 582J2.1, CD124 antigen, IL-4R-alpha, IL4RA, Interleukin-4 receptor alpha chain precursor NCBI Gene Symbol: IL4R
Molecular Weight:	89 kDa
Gene ID:	3566
OMIM:	147781
UniProt:	P24394
Pathways:	JAK-STAT Signaling , Positive Regulation of Immune Effector Process

Application Details

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:1000
Comment:	Unigene-Number: Hs.513457 (NCBI Gene Symbol: IL4R)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from 293 cells, using IL-4R/CD124 (Phospho-Tyr497) Antibody. The lane on the right is treated with the synthesized peptide.

Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa cells, using IL-4R/CD124 (Phospho-Tyr497) Antibody. The picture on the right is treated with the synthesized peptide.