

Datasheet for ABIN6989556
anti-IL4 Receptor antibody (AA 171-270)



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Overview

Quantity:	100 µL
Target:	IL4 Receptor (IL4R)
Binding Specificity:	AA 171-270
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL4 Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IL-4R
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	IL4 Receptor (IL4R)
Alternative Name:	IL-4R (IL4R Products)

Target Details

Background:	<p>Synonyms: Interleukin-4 Receptor, 582J2.1, CD124, CD-124, CD 124, IL 4R alpha, IL4RA, Interleukin 4 receptor alpha chain, MGC118473.</p> <p>Background: This gene encodes the alpha chain of the interleukin-4 receptor, a type I transmembrane protein that can bind interleukin4 and interleukin 13 to regulate IgE production. The encoded protein also can bind interleukin 4 to promote differentiation of Th2 cells. A soluble form of the encoded protein can be produced by an alternate splice variant or by proteolysis of the membrane-bound protein, and this soluble form can inhibit IL4-mediated cell proliferation and IL5 upregulation by T-cells. Allelic variations in this gene have been associated with atopy, a condition that can manifest itself as allergic rhinitis, sinusitis, asthma, or eczema. Two transcript variants encoding different isoforms, a membrane-bound and a soluble form, have been found for this gene. [provided by RefSeq, Jul 2008].</p>
Gene ID:	3566
UniProt:	P24394
Pathways:	JAK-STAT Signaling , Positive Regulation of Immune Effector Process

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months