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# Datasheet for ABIN7258016 anti-IL4 Receptor antibody

2 Images



#### Overview

Quantity:	200 µL
Target:	IL4 Receptor (IL4R)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL4 Receptor antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant fusion protein of human IL4R (NP_000409.1).
lsotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	IL4 Receptor (IL4R)
Alternative Name:	IL4R (IL4R Products)
Background:	This gene encodes the alpha chain of the interleukin-4 receptor, a type I transmembrane protein
	that can bind interleukin 4 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 proteolysis of the membrane-bound protein, and this

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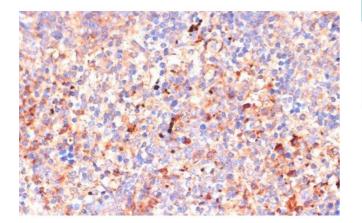
	soluble form can inhibit IL4-mediated cell proliferation and IL5 upregulation by T-cells. Allelic
	variations in this gene have been associated with atopy, a condition that can manifest itself as
	allergic rhinitis, sinusitus, asthma, or eczema. Polymorphisms in this gene are also associated
	with resistance to human immunodeficiency virus type-1 infection. Alternate splicing results in
	multiple transcript variants.
Gene ID:	3566
UniProt:	P24394

#### **Application Details**

Application Notes:	IHC 1:50-1:200
Restrictions:	For Research Use only

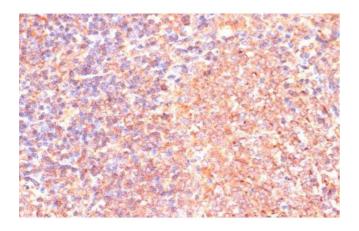
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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:	Store at -20°C. Avoid freeze / thaw cycles.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Mouse spleen using IL4R Polyclonal Antibody at dilution of 1:100 (40x lens).



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of paraffin-embedded Rat spleen using IL4R Polyclonal Antibody at dilution of 1:100 (40x lens).

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