

IL-9R Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP04520
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human IL9R. AA range:472-521
Mol wt	57147
Species reactivity	Human
Clonality	Polyclonal
Recommended application	IHC-p, ELISA
Concentration	1 mg/ml
Full name	IL-9R Antibody
Synonyms	IL9R; Interleukin-9 receptor; IL-9 receptor; IL-9R; CD antigen CD129

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

Background

The protein encoded by IL9R is a cytokine receptor that specifically mediates the biological effects of interleukin 9 (IL9). The functional IL9 receptor complex requires this protein as well as the interleukin 2 receptor, gamma (IL2RG), a common gamma subunit shared by the receptors of many different cytokines. The ligand binding of this receptor leads to the activation of various JAK kinases and STAT proteins, which connect to different biologic responses. This gene is located at the pseudoautosomal regions of X and Y chromosomes. Genetic studies suggested an association of this gene with the development of asthma. Multiple pseudogenes on chromosome 9, 10, 16, and 18 have been described. Alternatively spliced transcript variants have been found for this gene.

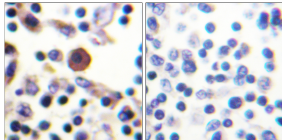
Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 20000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human lymph node, using IL-9R Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year