

IL-9R(Phospho Ser519) Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP10357

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human IL-9R around the

phosphorylation site of Ser519. AA range:472-521

Mol wt 57147

Species reactivity Human, Rat, Mouse

Clonality Polyclonal

Recommended application WB, IHC-p, IF, ICC, ELISA

Concentration 1 mg/ml

Full name Interleukin-9 receptor

Synonyms Interleukin-9 receptor; 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

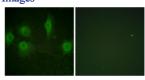
The protein encoded by this gene is a cytokine receptor that specifically mediates the biological effects of interleukin 9 (IL9). The functional IL9 receptor complex requires this protein as well as the interleukin 2 receptor, gamma (IL2RG), a common gamma subunit shared by the receptors of many different 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

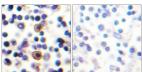
WB: 1: 500 - 1: 2000 IHC-p: 1: 100 - 1: 300 IF: 1: 200 - 1: 1000 ICC: 1: 200 - 1: 1000 ELISA: 1: 20000

Not yet tested in other applications.

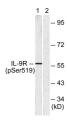
Images



Immunofluorescence analysis of HUVEC cells, using IL-9R (Phospho-Ser519) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human lymph node, using IL-9R (Phospho-Ser519) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HUVEC cells, using IL-9R (Phospho-Ser519) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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