

IL-9 polyclonal antibody

Catalog: BS65598

Host: Rabbit

Reactivity: Mouse, Rat,

BackGround:

The protein encoded by this gene is a cytokine that acts as a regulator of a variety of hematopoietic cells. This cytokine stimulates cell proliferation and prevents apoptosis. It functions through the interleukin 9 receptor (IL9R), which activates different signal transducer and activator (STAT) proteins and thus connects this cytokine to various biological processes. The gene encoding this cytokine has been identified as a candidate gene for asthma. Genetic studies on a mouse model of asthma demonstrated that this cytokine is a determining factor in the pathogenesis of bronchial hyperresponsiveness. [provided by RefSeq, Jul 2008].

Product:

0.01M TBS (pH 7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

~16kDa

Swiss-Prot:

P15247

Purification & Purity:

affinity purified by Protein A

Applications:

IHC-P=1:100-500 (石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

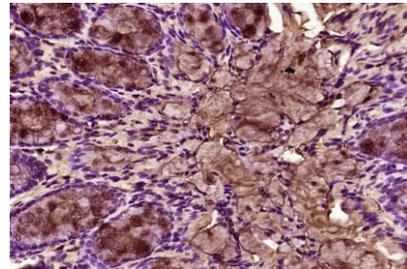
Storage & Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

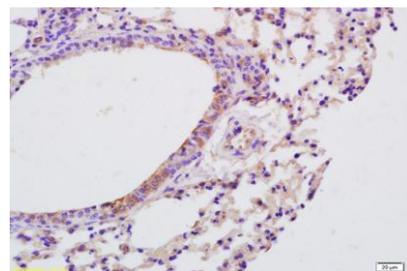
Specificity:

IL-9 polyclonal Antibody detects endogenous levels of IL-9 protein.

DATA:



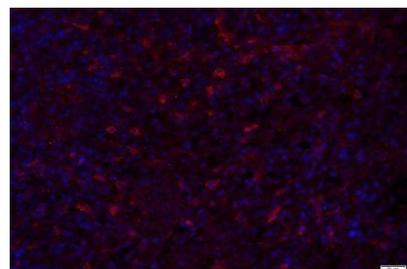
Paraformaldehyde-fixed, paraffin embedded (mouse colon tissue); Antigen retrieval by boiling in sodium citrate buffer (pH 6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (IL-9) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4 °C.



Tissue/cell: mouse lung tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37 °C for 20 min;

Incubation: Anti-IL-9 Polyclonal Antibody, Unconjugated 1:200, overnight at 4 °C.



Paraformaldehyde-fixed, paraffin embedded (Mouse mammary tumor);

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PRODUCT DATA SHEET

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Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes;
Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (IL-9) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4 °C.

Note:

For research use only, not for use in diagnostic procedure.

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