SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-IL-9/Biotin Conjugated antibody

Catalog Number: SL10435R-Bio

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-IL-9/Biotin
Immunogen:	KLH conjugated synthetic peptide derived from human IL-9
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Mouse)
Background:	background: The protein encoded by this gene is a cytokine that actsas a regulator of a variety of hematopoietic cells. This cytokinestimulates cell proliferation and prevents apoptosis. It functionsthrough the interleukin 9 receptor (IL9R), which activatesdifferent signal transducer and activator (STAT) proteins and thusconnects this cytokine to various biological processes. The geneencoding this cytokine has been identified as a candidate gene forasthma. Genetic studies on a mouse model of asthma demonstratedthat this cytokine is a determining factor in the pathogenesis ofbronchial hyperresponsiveness. [provided by RefSeq, Jul 2008]. **Function:** Supports IL-2 independent and IL-4 independent growth of helper T-cells. **Subcellular Location:** Secreted. **Similarity:** Belongs to the IL-7/IL-9 family

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Database links: **Entrez Gene:** 3578 Human **Entrez Gene:** 16198 Mouse **Entrez Gene:** 116558 Rat Omim: 146931 Human **SwissProt:** P15248 Human **SwissProt:** P15247 Mouse **Unigene:** 960 Human **Unigene:** 3006 Mouse **Unigene:** 92374 Rat Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.