

IL-9 Antibody FITC Conjugated

Catalog No: #C04097F

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

| | |
|-----------------------|---|
| Product Name | IL-9 Antibody FITC Conjugated |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Purified by Protein A. |
| Applications | IF |
| Species Reactivity | Ms Rt |
| Immunogen Description | KLH conjugated synthetic peptide aa 20-60 144 derived from mouse IL-9 |
| Conjugates | FITC |
| Target Name | IL-9 |
| Other Names | P4; IL-9; Interleukin-9; Cytokine P4; T-cell growth factor P4; IL9 |
| Accession No. | Swiss-Prot#P15247NCBI Gene ID16198 |
| Uniprot | P15247 |
| GeneID | 16198; |
| Excitation Emission | 494nm 518nm |
| Cell Localization | Secreted |
| Concentration | 1mg ml |
| Formulation | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |

Application Details

IF=1:50-200

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].

Note: This product is for in vitro research use only