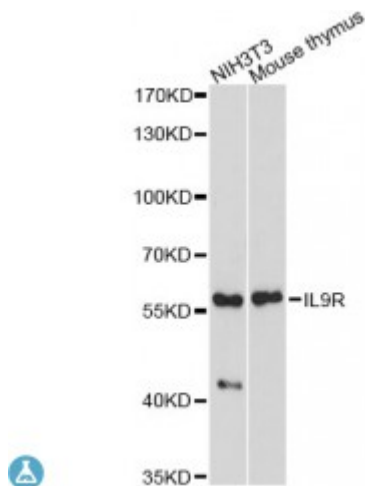


## Anti-IL9R Antibody



### Description

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.

|                       |                                                                                                           |
|-----------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Model</b>          | STJ117828                                                                                                 |
| <b>Host</b>           | Rabbit                                                                                                    |
| <b>Reactivity</b>     | Mouse                                                                                                     |
| <b>Applications</b>   | WB                                                                                                        |
| <b>Immunogen</b>      | A synthetic peptide corresponding to a sequence within amino acids 50-150 of human IL9R (XP_011529456.1). |
| <b>Gene ID</b>        | <a href="#">3581</a>                                                                                      |
| <b>Gene Symbol</b>    | <a href="#">IL9R</a>                                                                                      |
| <b>Dilution range</b> | WB 1:500 - 1:2000                                                                                         |
| <b>Purification</b>   | Affinity purification                                                                                     |
| <b>Note</b>           | For Research Use Only (RUO).                                                                              |
| <b>Protein Name</b>   | Interleukin-9 receptor IL-9 receptor IL-9R CD antigen CD129                                               |

|                              |                                                             |
|------------------------------|-------------------------------------------------------------|
| <b>Molecular Weight</b>      | 57.147 kDa                                                  |
| <b>Clonality</b>             | Polyclonal                                                  |
| <b>Conjugation</b>           | Unconjugated                                                |
| <b>Isotype</b>               | IgG                                                         |
| <b>Formulation</b>           | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.           |
| <b>Storage Instruction</b>   | Store at -20C. Avoid freeze / thaw cycles.                  |
| <b>Database Links</b>        | <a href="#">HGNC:6030OMIM:300007Reactome:R-HSA-8985947</a>  |
| <b>Alternative Names</b>     | Interleukin-9 receptor IL-9 receptor IL-9R CD antigen CD129 |
| <b>Function</b>              | This is a receptor for interleukin-9                        |
| <b>Cellular Localization</b> | Cell membrane                                               |

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