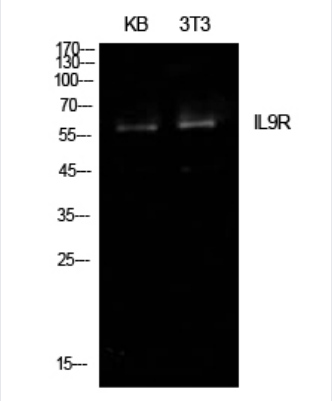
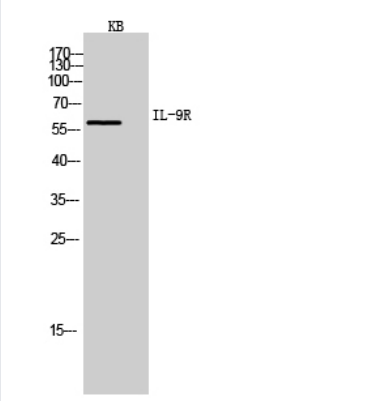
IL-9R Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	IL-9R, Polyclonal Antibody
Full Product Name	IL-9R Polyclonal Antibody
Product Gene Name	anti-IL-9R antibody
Product Synonym Names	IL9R; Interleukin-9 receptor; IL-9 receptor; IL-9R; CD129
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Molecular Weight	57,147 Da
Chromosome Location	Chromosome: Y; NC_000024.9 (59330252..59343488). Location: Xq28 and Yq12
OMIM	300007
3D Structure	ModBase 3D Structure for Q01113
Applications Tested/Suitable for anti-IL-9R antibody	Western Blot (WB)
Related Product Information for anti-IL-9R antibody	MBS9246222 is an antibody targeting IL-9R. Also known as IL-9R Polyclonal Antibody. Reactive in Human. Host: Rabbit. This is a receptor for interleukin-9.
Other Notes	Small volumes of anti-IL-9R antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Wester Blot (WB) of anti-IL-9R antibody
Dilution: Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.



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ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL-9R. It may not necessarily be applicable to this product.

NCBI GI #	29171682

NCBI GeneID	3581
NCBI Accession #	NP_002177.2
UniProt Primary Accession #	Q01113
UniProt Secondary Accession #	Q14634; Q8WWU1; Q96TF0; B9ZVT0
UniProt Related Accession #	Q01113
GenBank Nucleotide #	NM_002186.2
NCBI Official Full Name	interleukin-9 receptor isoform 1
NCBI Official Synonym Full Names	interleukin 9 receptor
NCBI Official Symbol	IL9R
NCBI Official Synonym Symbols	CD129; IL-9R
UniProt Protein Name	Interleukin-9 receptor
UniProt Gene Name	IL9R
UniProt Synonym Gene Names	IL-9 receptor; IL-9R
UniProt Entry Name	IL9R_HUMAN
NCBI Protein Information	interleukin-9 receptor; IL-9 receptor
NCBI Summary for IL-9R	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. [provided by RefSeq, Jul 2008]
UniProt Comments for IL-9R	IL9R: This is a receptor for interleukin-9. Belongs to the type I cytokine receptor family. Type 4 subfamily. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral; Receptor, cytokine Chromosomal Location of Human Ortholog: Xq28 and Yq12 Cellular Component: extracellular space; integral to plasma membrane Molecular Function: interleukin-9 binding; interleukin-9 receptor activity Biological Process: cell proliferation; signal transduction; positive regulation of cell growth
Research Articles on IL-9R	**1.** One of the identified peptide sequences corresponded to a fragment of the human interleukin-9 receptor alpha (IL-9Ralpha).
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