

## Product datasheet for **DM3569P**

### IL9r (Extracell. Dom.) Rat Monoclonal Antibody [Clone ID: 12F43]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	12F43
Applications:	WB
Recommended Dilution:	<b>Western Blot:</b> 1/500-1/1000.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2
Clonality:	Monoclonal
Immunogen:	Recombinant Mouse protein of IL-6R extracellular domain
Specificity:	This antibody detects Mouse IL-9R. Other species not tested.
Formulation:	Sterile PBS State: Aff - Purified State: Lyophilized (0.2 µm filtered) purified Ig fraction Stabilizer: None
Reconstitution Method:	Restore with 0.2 ml sterile PBS and the final concentration is 0.5 mg/ml.
Purification:	Protein A/G Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	interleukin 9 receptor
Database Link:	<a href="#">Entrez Gene 16199 Mouse Q01114</a>



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**Background:**

Human Interleukin 9 (IL9) was first identified based on its proliferative activity on a human myeloid leukemic cell line. Human IL9 stimulates the proliferation of the human megakaryocytic leukemic cell line M07e. Human IL9 supports erythroid colony formation and synergizes with IL4 in the production of IgE and IgG. The interleukin 9 receptor is a member of the hematopoietin receptor superfamily. The cDNAs encoding mouse and human IL9 receptors have been isolated. The deduced mouse and human transmembrane proteins, sharing 53% amino acid sequence identity, contain 468 and 533 amino acid residues, respectively. A number of isoforms of IL9R, including a putative soluble form, have also been identified. The IL9 receptor is expressed in a variety of hematopoietic cells including T cells, neutrophils, mast cells, and macrophages.

**Synonyms:**

Interleukin-9 receptor, IL-9R, IL-9 receptor

**Note:**

**Protein RefSeq:** NP\_001127930.1

**mRNA RefSeq:** NM\_001134458.1