



20180906DS

Anti-Mouse IL-9 receptor (#12F43)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	103-M256
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with purified mouse recombinant protein of IL-9R extracellular domain. The IgG2 fraction of the culture supernatant was purified by Protein A/G affinity chromatography.

Target Background

Synonyms (Target):	Il9r;
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The specific high affinity functional IL-9 receptor complex contains the common gamma chain as well as the IL-9 receptor (IL-9 R). The mouse and human transmembrane proteins share 53% amino acid sequence identity. As a result of alternate splicing, cDNA clones encoding isoforms of IL-9 R, including a putative soluble form, have also been identified. Cells known to express IL-9 R include T cells, neutrophils, mast cells and macrophages.

Database References Target

Protein RefSeq:	NP_001127930.1
Uniprot ID:	A2AVE0
mRNA RefSeq:	NM_001134458.1

Product Specifications

Host	Rat
Reactivity against	Mouse
Clonality	Monoclonal Antibody
Clone	(#12F43)
Isotype	IgG2
Purification	Protein G/A chromatography
Antigen	recombinant mouse protein of the extracellular domain of IL-9 R
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody detects mouse IL-9 R in Western blotting.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB

Recommended usage:

WB: 1:500-1000

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!