

Product datasheet for **DM3567P**

IL4ra (Extracell. Dom.) Rat Monoclonal Antibody [Clone ID: 16F23]

Product data:

Product Type:	Primary Antibodies
Clone Name:	16F23
Applications:	WB
Recommended Dilution:	Western Blot: 1/500-1/1000.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2
Clonality:	Monoclonal
Immunogen:	Recombinant Mouse protein of IL-4R extracellular domain of IL-4R.
Specificity:	This antibody detects Mouse IL-4R. Other species not tested.
Formulation:	Sterile PBS State: Purified State: Lyophilized purified IgG fraction
Reconstitution Method:	Restore with 200 µl sterile PBS and the final concentration is 500 µg/ml.
Purification:	Affinity Chromatography on Protein A/G
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 4 receptor, alpha
Database Link:	Entrez Gene 16190 Mouse P16382



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Background:

The Interleukin-4 receptor is a complex consisting of two chains. One chain is the high affinity IL-4 binding (p140, α chain, CD 124) chain and the other chain is the gamma chain. The high affinity IL-4 binding chain belongs to the cytokine receptor superfamily. The cytoplasmic domain contains Ser/Pro-rich regions similar to those present in the IL-2 receptor and GM-CSF receptor β -chains. The recombinant human IL-4 soluble receptor corresponds to the human IL-4 receptor extracellular domain. The recombinant, human IL-4 sR is a potent IL-4 antagonist. This antibody will block IL-4 binding to its receptor.

Synonyms:

Interleukin-4 receptor alpha chain, IL-4R-alpha, IL4RA, 582J2.1, IL4 Receptor alpha