

## Product datasheet for **SM101P**

### IL4 Rat Monoclonal Antibody [Clone ID: BVD4-1D11]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	BVD4-1D11
Applications:	ELISA, FC, IHC, WB
Recommended Dilution:	<b>Flow Cytometry:</b> Use 10 µl of 1/10-1/50 diluted antibody to label 10e6 cells in 100 µl. Membrane permeabilisation is required. <b>Immunohistochemistry on Frozen Sections.</b> <b>ELISA:</b> 1-5 µg/ml. <b>Western Blot:</b> 1-5 µg/ml.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant Mouse IL-4.
Specificity:	This antibody is specific for Mouse Interleukin-4 (IL-4). Clone BVD4-1D11 is reported to neutralise the effects of IL-4. We recommend the use of SM101A for functional studies.
Formulation:	PBS containing 0.09% Sodium Azide as preservative State: Purified State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	interleukin 4
Database Link:	<a href="#">Entrez Gene 16189 Mouse P07750</a>

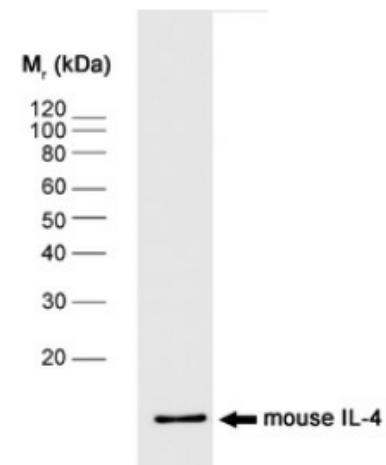


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**Background:** Interleukin-4 is a potent lymphoid growth factor, which stimulates the growth and survival of certain B and T cells.

**Synonyms:** IL-4, BSF1, Lymphocyte stimulatory factor 1, Binetrakin, Pitrakinra

**Product images:**



Western blot analysis of Mouse IL-4 recombinant protein probed with Rat Anti-Mouse Interleukin-4 antibody