

## Product datasheet for **SM1702P**

### IL4 Rat Monoclonal Antibody [Clone ID: MP4-25D2]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	MP4-25D2
Applications:	ELISA, FC, IHC, WB
Recommended Dilution:	Flow Cytometry: 1/10 - 1/50; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl; Membrane permeabilisation is required for this application. ELISA. Western Blot: 1/500 - 1/1000. Immunohistochemistry on frozen sections.
Reactivity:	Human
Host:	Rat
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified CHO cell expressed recombinant human IL-4.
Specificity:	This antibody is specific for Interleukin - 4 (IL-4). Clone MP4-25D2 is reported to neutralise IL-4 activity. We recommend the use of SM1702A for this purpose.
Formulation:	PBS, pH7.4 containing 0.09% Sodium Azide State: Purified State: Liquid purified IgG
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 3565 Human P05112</a>

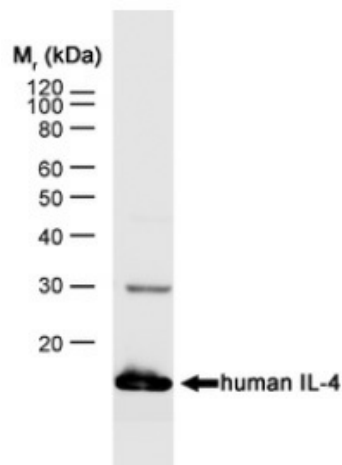


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**Background:** IL-4 is a 20kD cytokine which is expressed by a subpopulation of activated T cells and mast cells.

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

**Product images:**



Western blot analysis of human IL-4 recombinant protein probed with RAT ANTI HUMAN INTERLEUKIN-4 followed by F (ab')<sub>2</sub> RABBIT ANTI RAT IgG:HRP.