

Product datasheet for **SP1248**

IL2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Western blot. ELISA (1/500 detection, use SM1522P as coating antibody; It is recommended that SP1248 and any detection reagent are diluted in 10% normal mouse serum prior to use in ELISA).
Reactivity:	Sheep
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Recombinant ovine IL-2
Specificity:	Recognises ovine interleukin-2 (IL-2). No cross-reactivity is seen with ovine IL-1b, IL-6, IL-8, MCP-1 or TNF alpha.
Formulation:	Serum stabilized by PBS and 0.09% sodium azide State: Serum State: Liquid
Purification:	None
Conjugation:	Unconjugated
Storage:	Store at 2-8°C or at -20°C if preferred. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Stability:	Shelf life: One year from despatch.
Database Link:	P19114
Background:	Interleukin 2 (IL2) is a secreted cytokine that is important for the proliferation of T and B lymphocytes. The receptor of this cytokine is a heterotrimeric protein complex whose gamma chain is also shared by interleukin 4 (IL4) and interleukin 7 (IL7). The expression of this gene in mature thymocytes is monoallelic, which represents an unusual regulatory mode for controlling the precise expression of a single gene. The targeted disruption of a similar gene in mice leads to ulcerative colitis like disease, which suggests an essential role of this gene in the immune response to antigenic stimuli. IL2 has been shown to have antitumor effects in some studies. This is probably mediated by cytotoxic effector cells.



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Synonyms: IL-2, TCGF