

## Product Datasheet

### IL2 - Interleukin-2 GRP13223

<b>Species/Host</b>	Chicken
<b>Reactivity</b>	Human
<b>Predicted Reactivity</b>	Primates
<b>Immunogen</b>	purified full length recombinant protein UniProt: P60568
<b>Form/Appearance</b>	Liquid in 0.9% NaCl, 0.1% sodium azide
<b>Storage</b>	Store at 4°C; make aliquots to avoid working with a stock. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from liquid material adhering to the cap or sides of the tubes.
<b>Note</b>	For research use only.
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Total IgY fraction
<b>MW</b>	17kDa
<b>Uniprot ID</b>	P60568
<b>Dilution Range</b>	1 : 1000-1 : 5 000 (ELISA), 1 : 1000-1 : 5 000 (WB)
<b>Application Notes</b>	<p>Additional Information: The antibody, in dilution 1: 1000, will detect 10 ng of interleukin-2 in immunoblotting. The IgY fraction is isolated by a two-step PEG precipitation. procedure followed by ammonium sulphate precipitation.</p> <p>Background: Human 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.</p>