

## Product datasheet for **TA388910**

### IL7 Rabbit Polyclonal Antibody

#### Product data:

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	ELISA, WB
<b>Recommended Dilution:</b>	Sandwich ELISA: To detect Human IL-7 by sandwich ELISA (using 100 ul/well antibody solution) a concentration of 0.25 – 1.0 µg/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with ProSci's Polyclonal Anti-Human IL-7 as a capture antibody, allows the detection of at least 0.2 – 0.4 ng/well of recombinant Human IL-7. Western Blot To detect Human IL-7 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 ug/ml. When used in conjunction with compatible secondary reagents, the detection limit for recombinant hIL-7 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.
<b>Reactivity:</b>	Human
<b>Host:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Produced from sera of rabbits pre-immunized with highly pure recombinant Human IL-7. Anti-Human IL-7 specific antibody was purified by affinity chromatography and then biotinylated.
<b>Concentration:</b>	lot specific
<b>Purification:</b>	IL-7 specific antibody was purified by affinity chromatography and then biotinylated
<b>Conjugation:</b>	Biotin
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Database Link:</b>	<a href="#">P13232</a>
<b>Background:</b>	IL-7 is a hematopoietic growth factor that primarily affects early B and T cells. Produced by thymic stromal cells, spleen cells and keratinocytes, IL-7 can also co-stimulate the proliferation of mature T cells in combination with other factors, such as ConA and IL-2. Human and murine IL-7 are cross-species reactive. Recombinant Human IL-7 is a 17.5 kDa protein containing 153 amino acid residues.



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