

**Antigen-Affinity Purified Polyclonal Antibodies****Anti-human Interleukin-7**

**Description:** Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant human IL-7 (human Interleukin-7). Anti-human IL-7 specific antibody was purified by affinity chromatography employing immobilized human IL-7 matrix.

<b>Host species:</b>	Rabbits
<b>Antigen:</b>	Recombinant human IL-7
<b>Purification:</b>	Affinity chromatography
<b>Stabilizer:</b>	none
<b>Buffer:</b>	0.5 x PBS; pH 7.4
<b>Formulation:</b>	lyophilized

**Reconstitution/Stability:** The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile water to a concentration of  $\geq 0.2$  mg/ml the antibody is stable for at least six weeks at 2-4°C.

**Applications**

**Neutralization:** To yield one-half maximal inhibition [ $ND_{50}$ ] of the biological activity of human IL-7 (1.00 ng/ml), a concentration of 0.016 - 0.03  $\mu$ g/ml of this antibody is required.

**ELISA:** To detect human IL-7 by direct ELISA (using 100 $\mu$ l/well antibody solution) a concentration of at least 0.5 $\mu$ g/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of 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  $\mu$ g/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant human IL-7 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

**Usage:** Anti human IL-7 is offered for research use. Not for drug use. **Not for human use.**

**Catalogue number:** CYT-26626

**Size:** 100  $\mu$ g

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