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## Antigen-Affinity Purified Polyclonal Antibodies

# Anti-human Interleukin-12

**Description:** Produced from sera of goats pre-immunized with highly pure (>98%) recombinant human IL-12 (human Interleukin-12). Anti-human IL-12 specific antibody was purified by affinity chromatography employing immobilized human IL-12 matrix.

<b>Host species:</b>	Goat
<b>Antigen:</b>	Recombinant human IL-12
<b>Purification:</b>	Antigen-Affinity Chromatography
<b>Stabilizer:</b>	none
<b>Buffer:</b>	PBS; pH 7.2
<b>Formulation:</b>	lyophilized

**Reconstitution:** Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

**Stability:** The lyophilized antibody is stable for at least 2 years from date of receipt at -20°C. The reconstituted antibody is stable for at least two weeks at 2-8°C. Frozen aliquots are stable for at least 6 months when stored at -20°C. **Avoid repeated freeze-thaw cycles.**

### Applications

**Neutralization:** To yield one-half maximal inhibition [ND<sub>50</sub>] of the biological activity of hIL-12 (0.3 ng/ml), a concentration of 0.012-0.02 µg/ml of this antibody is required.

#### ELISA:

**Indirect:** To detect human IL-12 by indirect ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2 - 0.4 ng/well of recombinant human IL-12.

**Sandwich:** To detect human IL-12 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2 - 0.4 ng/well of recombinant human IL-12.

**Western Blot:** To detect human IL-12 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant human IL-12 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

**Usage:** Anti human IL-12 is offered for research use. Not for drug use. **Not for human use.**

**Catalogue number:** 102-P42G

**Size:** 100 µg

**\*\* please note: always centrifuge vials before opening \*\***