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## Monoclonal antibody anti-murine IL-12

**Description:** Monoclonal antibodies were produced in rats using recombinant murine IL-12 as the immunizing antigen. The IgG antibody was purified from ascites fluid followed by Protein G affinity chromatography.

<b>Host species:</b>	Mice
<b>Antigen:</b>	Recombinant murine IL-12
<b>Purification:</b>	Protein A chromatography
<b>Stabilizer:</b>	none
<b>Buffer:</b>	none
<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  $-20^{\circ}\text{C}$ . **Avoid repeated freeze-thaw cycles.** When reconstituted in sterile water to a concentration of 1.0 mg/ml the antibody is stable for at least six weeks at  $2-4^{\circ}\text{C}$ .

### Application

**ELISA:** In a sandwich ELISA (assuming 100 $\mu\text{l}$ /well), a concentration of 3-4  $\mu\text{g}/\text{ml}$  of this antibody will detect at least 0.1 ng/well of recombinant murine IL-12 when used with PeproTech's biotinylated antigen affinity purified anti-murine IL-12 as the detection antibody at a concentration of at least 0.5 $\mu\text{g}/\text{ml}$ .

**Neutralization:** To yield one-half maximal inhibition [ND50] of the biological activity of mIL-12 (2.0 ng/ml), a concentration of 0.16 - 0.24  $\mu\text{g}/\text{ml}$  of this antibody is required.

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

**Catalogue number:** 103-M23

**Size:** 500  $\mu\text{g}$

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

