

Product Data Sheet

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Cat # AB-11010

Mouse Anti-Human Interleukin-7 IgG

**Size:** 100ug

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**Synonyms:**

Lymphopoietin 1 (LP-1), pre-B cell factor, IL-7

**Type:**

Mouse Anti Human Monoclonal

**Introduction:**

IL-7 is a cytokine important for B and T cell development. This cytokine and the hepatocyte growth factor (HGF) form a heterodimer that functions as a pre-pro-B cell growth-stimulating factor. This cytokine is found to be a cofactor for V(D)J rearrangement of the T cell receptor beta (TCRB) during early T cell development. This cytokine can be produced locally by intestinal epithelial and epithelial goblet cells, and may serve as a regulatory factor for intestinal mucosal lymphocytes. Knockout studies in mice suggested that this cytokine plays an essential role in lymphoid cell survival. Direct ELISA, Western Blot, Immunoprecipitation, Immunohistochemistry, Intracellular staining.

**Immunogen:**

Recombinant Human IL-7

**Ig Subclass:**

Mouse IgG1; purification by ion exchange column; 1mg/mL in PBS after reconstitution; Reconstitute with sterile H<sub>2</sub>O. Mix gently, wash the sides of the vial and wait 30-60 seconds before use.

**Shipping Conditions:**

Antibody is shipped lyophilized at ambient temperature.

**Storage Procedures:**

In lyophilized form, for long periods, store at 4°C in a dry environment. After reconstitution, if not intended for use within a month, aliquot and store at -20°C. Two years lyophilized, one month in solution at 4°C.

**Titer:**

By direct ELISA, 1:10,000 dilution will yield 0.3 O.D using alkaline phosphatase conjugated rabbit anti-mouse Ig .

**Usage:**

This item is for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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**India Contact:**

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