

A Reliable Research Partner in Life Science and Medicine

IL3 Monoclonal Antibody

catalog number: AN200251P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Rat

Immunogen Recombinant Rat II 3 Protein

Host Mouse Isotype lgG1 Clone A1105 **Purification** Protein A

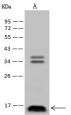
Buffer 0.2 µm filtered solution in PBS

Applications Recommended Dilution

1:500-1:2000 **WB**

ΙP 5-10 µL/mg of lysate

Data



Western Blot with IL3 Monoclonal Antibody at dilution of 1:500 dilution. Lane A: Rat heart tissue lysate, Lysates/proteins at 30 µg per lane.

> Observed-MW:17 kDa Calculated-MW:17 kDa

Immunoprecipitation analysis using 4 µL anti-IL3 Monoclonal Antibody and 60 µg of Immunomagnetic beads Protein A/G. Western blot was performed from the immunoprecipitate using IL3 Monoclonal Antibody at a dilution of 1:100. Lane A:0.5 mg A431 Whole Cell Lysate

—IL3

KDa Α

Observed-MW:17 kDa Calculated-MW:17 kDa

Preparation & Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of **Storage**

activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

Shipping Ice bag

Background

IL3 (interleukin 3), also known as IL-3, is a potent growth-promoting cytokine that belongs to the IL-3 family. IL3/IL-3 also belongs to the group of interleukins. Interleukins are produced by a wide variety of body cells. The function of the immune system depends in a large part on interleukins, and rare deficiencies of a number of them have been described, all featuring autoimmune diseases or immune deficiency. The majority of interleukins are synthesized by helper CD4+ Tlymphocytes, as well as through monocytes, macrophages, and endothelial cells. They promote the development and differentiation of T, B, and hematopoietic cells. IL3/IL-3 is capable of supporting the proliferation of a broad range of hematopoietic cell types. It is involved in a variety of cell activities such as cell growth, differentiation, and apoptosis. IL3/IL-3 has been shown to also possess neurotrophic activity, and it may be associated with neurologic disorders.

For Research Use Only

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