Interleukin-2/IL-2 Monoclonal Antibody

catalog number: **AN200250P**

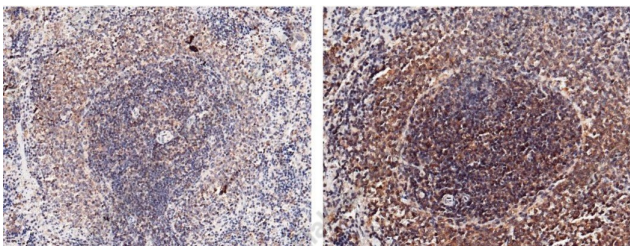
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Rat
Immunogen	Recombinant Rat Interleukin-2/IL-2 protein
Host	Mouse
Isotype	Mouse IgG2b
Clone	A1104
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
IHC-P	1:50-1:200

Data



Immunohistochemistry of paraffin-embedded rat spleen (from 2 donors) using Interleukin-2/IL-2 Monoclonal Antibody at dilution of 1:60.

Preparation & Storage

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

IL-2 (Interleukin 2) is a critical cytokine in T cell biology. It promotes T cell activation and expansion, the development, maintenance and function of regulatory T cells (Treg), and the differentiation of CD8+ T cells into terminal effector cells and memory cells. IL-2 signals through a receptor complex composed of CD25/IL-2 R alpha, IL-2 R beta, and the Common gamma Chain (gamma c). IL-2 R beta is also a component of the IL-15 receptor complex. Gamma c is also a signaling subunit in the receptors for IL-4, -7, -9, -15, and -21.

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