

IL12B Polyclonal Antibody

Catalog Number:E-AB-19816



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

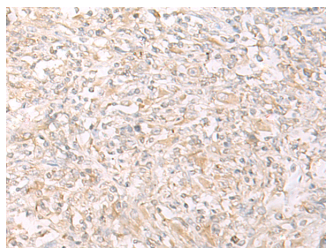
Description

Reactivity	Human
Immunogen	Synthetic peptide of human IL12B
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4

Applications Recommended Dilution

IHC	1:40-1:200
ELISA	1:5000-1:10000

Data



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using IL12B Polyclonal Antibody at dilution of 1:45(×200)

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

Interleukin-12 (IL-12), is a cytokine that is secreted by activated phagocytes and dendritic cells and that induces interferon- γ production by natural-killer and T lymphocytes. IL-12 is a 75 kDa heterodimer composed of a 35 kDa subunit (IL-12A p35) and a 40 kDa subunit (IL-12B p40) that is secreted by a wide variety of antigen presenting cells (APCs), including phagocytes, B cells and Langerhans cells. IL-12B has been found to be important for sustaining a sufficient number of memory/effector Th1 cells to mediate long-term protection to an intracellular pathogen. Overexpression of IL-12B was observed in the central nervous system of patients with multiple sclerosis (MS), suggesting a role of this cytokine in the pathogenesis of the disease. The promoter polymorphism of IL-12B has been reported to be associated with the severity of atopic and non-atopic asthma in children.

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