

Anti-IL12B antibody

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| Cat. No. | ml163813 |
| Package | 25 µl/100 µl/200 µl |
| Storage | -20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol |

Product overview

| | |
|---------------------|---------------------------------------|
| Description | Anti-IL12B rabbit polyclonal antibody |
| Applications | ELISA, IHC |
| Immunogen | Synthetic peptide of human IL12B |
| Reactivity | Human |
| Content | 0.96 mg/ml |
| Host species | Rabbit |
| Ig class | Immunogen-specific rabbit IgG |
| Purification | Antigen affinity purification |

Target information

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| Symbol | IL12B |
| Full name | interleukin 12B |
| Synonyms | CLMF; NKSF; CLMF2; IMD28; IMD29; NKSF2; IL-12B |
| Swissprot | P29460 |

Target Background

This gene encodes a subunit of interleukin 12, a cytokine that acts on T and natural killer cells, and has a broad array of biological activities. Interleukin 12 is a disulfide-linked heterodimer composed of the 40 kD cytokine receptor like subunit encoded by this gene, and a 35 kD subunit encoded by IL12A. This cytokine is expressed by activated macrophages that serve as an essential inducer of Th1-cells development. This cytokine 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 this gene 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 this gene has been reported to be associated with the severity of atopic and non-atopic asthma in children.

订购热线: 4008-898-798

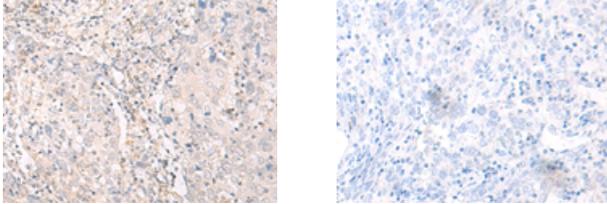
Applications

Immunohistochemistry

Predicted cell location: Secreted

Positive control: Human cervical cancer

Recommended dilution: 30-150



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml163813(IL12B Antibody) at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: ×200)

ELISA

Recommended dilution: 5000-10000

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