

## Anti-IL12B antibody

<b>Cat. No.</b>	ml164239
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-IL12B rabbit polyclonal antibody
<b>Applications</b>	ELISA, IHC
<b>Immunogen</b>	Synthetic peptide of human IL12B
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	0.6 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	IL12B
<b>Full name</b>	interleukin 12B
<b>Synonyms</b>	CLMF; NKSF; CLMF2; IMD28; IMD29; NKSF2; IL-12B
<b>Swissprot</b>	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

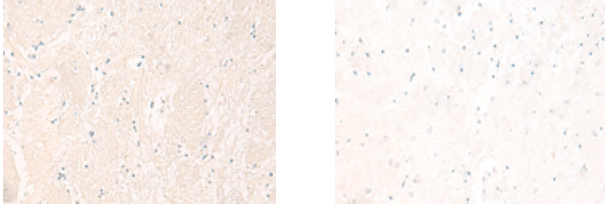
#### Applications

##### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human brain

Recommended dilution: 10-50



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml164239(IL12B Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: ×200)

##### ELISA

Recommended dilution: 5000-10000

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