

Datasheet

IL12B polyclonal antibody (A01)

Catalog Number: H00003593-A01

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a partial recombinant IL12B.

Immunogen: IL12B (NP_002178, 229 a.a. ~ 328 a.a) partial recombinant protein with GST tag.

Sequence:

IRDIIKPDPPKLNQLKPLKNSRQVEVSWEYPDTWSTPH
SYFSLTFCVQVQGKSKREKKDRVFTDKTSATVICRKN
ASISVRAQDRYYSSSWSEWASVPCS

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Ti

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3593

Gene Symbol: IL12B

Gene Alias: CLMF, CLMF2, IL-12B, NKSF, NKSF2

Gene Summary: 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. [provided by RefSeq]