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Anti-IL12 p40/IL12B Antibody Picoband®

Catalog Number: RP1028

About IL12B

Subunit beta of interleukin 12, also known as interleukin 12B, or IL12B, is a subunit of human interleukin 12. It is mapped to 5q33.3. 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.

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Overview

Product Name	Anti-IL12 p40/IL12B Antibody Picoband®
Reactive Species	Rat
Description	Boster Bio Anti-IL12 p40/IL12B Antibody catalog # RP1028. Tested in WB applications. This antibody reacts with Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9 mg NaCl, 0.2 mg Na2HPO4, and 0.05 mg NaN3. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9R278

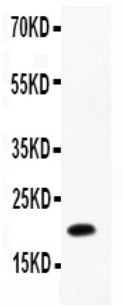
Technical Details

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Immunogen	E.coli-derived rat IL-12 (p40) recombinant protein (Position: M23-S321).
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.1-0.5ug/ml, Rat

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Anti-IL12 p40/IL12B Antibody Picoband® (RP1028) Images



Anti-IL-12(p40) Picoband antibody, RP1028All lanes: Anti-IL-12(p40)(RP1028) at 0.5ug/mlWB: Recombinant Rat IL-12(p40) Protein 0.5ngPredicted bind size: 20KDObserved bind size: 20KD

1 Publications Citing This Product

1. PubMed ID: 19538477, Anti-arthritis activity of cationic materials

Visit bosterbio.com/anti-il-12-p40-antibody-rp1028-boster.html to see all 1 publications.

Anti-IL12 p40/IL12B Antibody

For Research Use Only. Not for use in diagnostic procedures.