

Anti-IL12 p40/IL12B Antibody

Catalog Number: PA1468

About IL12B

IL-12, Interleukin 12, heterodimerizes with the IL12 p35 subunit to form IL12 and with the IL23 p19 subunit to form IL23. IL12b p 40 exists as a monomer and as a homodimer. 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. The IL-12b gene contains 8 exons, the first and last of which are noncoding. By PCR analysis of DNA from rodent/human cell hybrids containing intact chromosomes or translocation chromosomes, the IL-12b gene is mapped to 5q31-q33. 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.

Overview

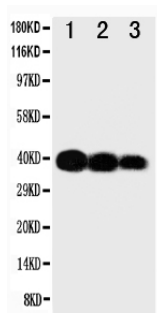
Product Name	Anti-IL12 p40/IL12B Antibody
Reactive Species	Human
Description	Boster Bio Anti-IL12 p40/IL12B Antibody catalog # PA1468. Tested in WB applications. This antibody reacts with Human.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
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	P29460

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human IL-12(p40).
Predicted Reactive Species	Horse, Rabbit
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	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Western blot, 0.1-0.5ug/ml, Human</p>

Anti-IL12 p40/IL12B Antibody (PA1468) Images



Anti-IL-12(p40) antibody, PA1468, Western blotting

Lane 1: Recombinant Human IL-12 Protein 10ng

Lane 2: Recombinant Human IL-12 Protein 5ng

Lane 3: Recombinant Human IL-12 Protein 2.5ng

1 Publications Citing This Product

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

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