

Basic Information

Product Name	Anti-IL12B Antibody
Gene Name	IL12B
Source	Rabbit
Isotype	IgG
Species Reactivity	human
Tested Application	WB
Contents	500 ug/ml antibody with PBS , 0.02% NaN3 , 1 mg BSA and 50% glycerol.
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human IL-12(p40)(23-40aa IWELKKDVYVVELDWYPD).
concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	37KD
Dilution Ratios	Western blot(WB):1:500-2000

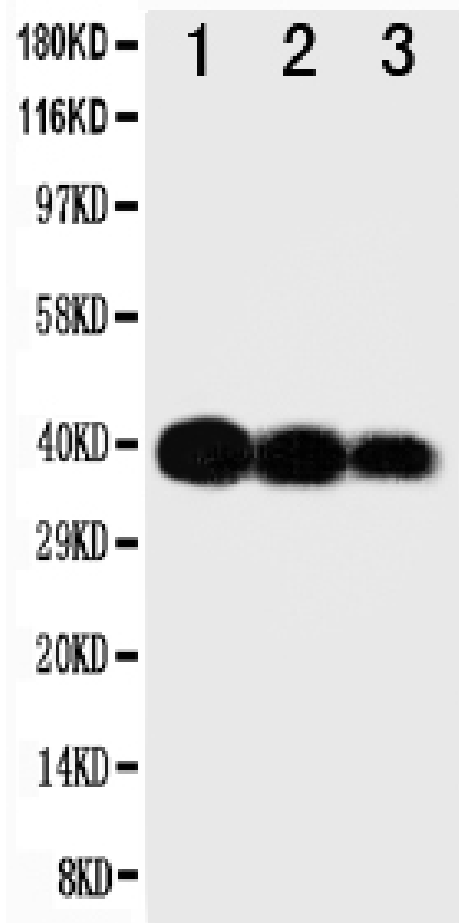
Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

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.

Selected Validation Data



Lane 1: Recombinant Human IL-12 Protein 10ngLane 2:

Recombinant Human IL-12 Protein 5ngLane 3: Recombinant Human

IL-12 Protein 2.5ng