

IL12RB2

Reactivity:Mouse Rat

Tested applications:WB

Recommended Dilution:WB 1:1000 - 1:2000

Calculated MW:97kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human IL12RB2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Catalog #:A10348

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:3595

Isotype:IgG

Swiss Prot:Q99665

Purity:Affinity purification

For research use only.

Background:

The protein encoded by this gene is a type I transmembrane protein identified as a subunit of the interleukin 12 receptor complex. The coexpression of this and IL12RB1 proteins was shown to lead to the formation of high-affinity IL12 binding sites and reconstitution of IL12 dependent signaling. The expression of this gene is up-regulated by interferon gamma in Th1 cells, and plays a role in Th1 cell differentiation. The up-regulation of this gene is found to be associated with a number of infectious diseases, such as Crohn's disease and leprosy, which is thought to contribute to the inflammatory response and host defense. Several transcript variants encoding different isoforms and non-protein coding transcripts have been found for this gene.

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