

IL12RB1 Polyclonal Antibody

Catalog No. E-AB-61782

Note: Centrifuge before opening to ensure complete recovery of vial contents.

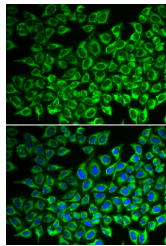
Description

Reactivity	Human,Mouse
Immunogen	Recombinant fusion protein of human IL12RB1 (NP_714912.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications Recommended Dilution

IF 1:10-1:100

Data



Immunofluorescence analysis of A549 cells using
IL12RB1 Polyclonal Antibody

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

The protein encoded by this gene is a type I transmembrane protein that belongs to the hemopoietin receptor superfamily. This protein binds to interleukine 12 (IL12) with a low affinity, and is thought to be a part of IL12 receptor complex. This protein forms a disulfide-linked oligomer, which is required for its IL12 binding activity. The coexpression of this and IL12RB2 proteins was shown to lead to the formation of high-affinity IL12 binding sites and reconstitution of IL12 dependent signaling. Mutations in this gene impair the development of interleukin-17-producing T lymphocytes and result in increased susceptibility to mycobacterial and Salmonella infections. Alternative splicing results in multiple transcript variants.

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