

IL12RB1 Polyclonal Antibody

Catalog No.	A13319	Category	Polyclonal Antibodies
Applications	IHC, IF	Observed MW	
Cross-reactivity	Human, Rat	Calculated MW	42kDa/72kDa/73kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 25-305 of human IL12RB1 (NP_714912.1).
Gene ID	3594
Swiss prot	P42701
Synonyms	IL12RB1; CD212; IL-12R-BETA1; IL12RB; IMD30; interleukin-12 receptor subunit beta-1

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

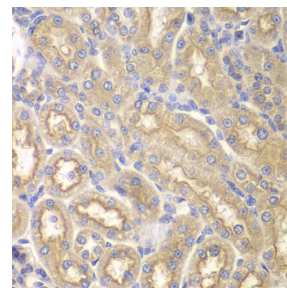
Background

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.

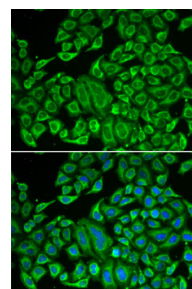
Recommended Dilutions

IHC 1:50 -
1:200

IF 1:50 - 1:200



Immunohistochemistry - IL12RB1 Polyclonal Antibody (A13319)



Immunofluorescence - IL12RB1 Polyclonal Antibody (A13319)