

IL-12B Polyclonal Antibody

Catalog No.	IPB3852
Reactivity	Human; Mouse; Rat
Applications	WB; ELISA
Dilution	WB: 1:500-1:2000 ELISA: 1:5000
Gene Name	IL12B
Protein Name	Interleukin-12 subunit beta
Human Gene Id	3593
Swiss-Prot	P29460
Formulation	Liquid in PBS containing 50% glycerol, 05% BSA and 002% sodium azide
Source	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
Subcellular Location	Secreted
MW	37169
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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