

IL12RB2 Antibody

Lot Number: RC2173521D

Product Data Sheet

Tested Species Reactivity

Human (Hu)

Tested Applications

Tested Applications	Dilution *
Western Blot (WB)	1:1000
Immunohistochemistry (IHC)	1:10-1:50
Flow Cytometry (Flow)	1:10-1:50

* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

Details

Catalog Number:	PA5-24181
Size:	400 µL
Class:	Polyclonal
Type:	Antibody
Clone:	
Host / Isotype:	Rabbit / IgG
Immunogen:	KLH conjugated synthetic peptide between 756-783 amino acids from the C-terminal region of human IL12_2

Form Information

Form:	Liquid
Concentration:	Lot-specific
Purification:	Antigen affinity chromatography
Storage Buffer:	PBS
Preservative:	0.09% sodium azide
Storage Conditions:	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C

Product Specific Information

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization.

General Information

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.

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