

IL12B antibody

Product Information

Catalog No.:	FNab04219
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Cytokine that can act as a growth factor for activated T and NK cells, enhance the lytic activity of NK/lymphokine-activated killer cells, and stimulate the production of IFN-gamma by resting PBMC. Associates with IL23A to form the IL-23 interleukin, a heterodimeric cytokine which functions in innate and adaptive immunity. IL-23 may constitute with IL-17 an acute response to infection in peripheral tissues. IL-23 binds to a heterodimeric receptor complex composed of IL12RB1 and IL23R, activates the Jak-Stat signaling cascade, stimulates memory rather than naive T-cells and promotes production of proinflammatory cytokines. IL-23 induces autoimmune inflammation and thus may be responsible for autoimmune inflammatory diseases and may be important for tumorigenesis.

Immunogen information

Immunogen:	interleukin 12B
Synonyms:	Interleukin-12 subunit beta (IL-12B) Cytotoxic lymphocyte maturation factor 40 kDa subunit (CLMF p40) IL-12 subunit p40 NK cell stimulatory factor chain 2 (NKSF2) IL12B NKSF2
Observed MW:	37 kDa
Uniprot ID :	P29460

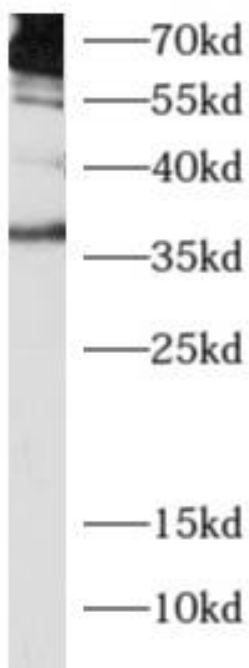
Application

Reactivity:	Human
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Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



A549 cells were subjected to SDS PAGE followed by western blot with FNab04219(IL12B Antibody) at dilution of 1:1000