



Anti-IL27 (aa 177-243) polyclonal antibody (DPAB-DC1162)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is one of the subunits of a heterodimeric cytokine complex. This protein is related to interleukin 12A (IL12A). It interacts with Epstein-Barr virus induced gene 3 (EBI3), a protein similar to interleukin 12B (IL12B), and forms a complex that has been shown to drive rapid expansion of naive but not memory CD4(+) T cells. The complex is also found to synergize strongly with interleukin 12 to trigger interferon gamma (IFNG) production of naive CD4(+) T cells. The biological effects of this cytokine are mediated by the class I cytokine receptor (WSX1/TCRR).
Immunogen	IL27 (NP_663634, 177 a.a. ~ 243 a.a) partial recombinant protein with GST tag. The sequence is RKGLLPGALGSALQGPAQVSWPQLLSTYRLLHSLELVLSRAVRELLLSKAGHSVWPLGF PTLSPQP
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	IL27 interleukin 27 [Homo sapiens (human)]
Official Symbol	IL27
Synonyms	IL27; interleukin 27; p28; IL30; IL-27; IL27A; IL-27A; IL27p28; interleukin-27 subunit alpha; IL27-A; IL-27-A; interleukin 30; interleukin-30; IL-27 p28 subunit; IL-27 subunit alpha;
Entrez Gene ID	246778
Protein Refseq	NP_663634
UniProt ID	Q8NEV9
Chromosome Location	16p11
Pathway	IL27-mediated signaling events;
Function	cytokine activity; interleukin-27 receptor binding; receptor binding;
