



# 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

<b>Antigen Description</b>	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).
<b>Immunogen</b>	IL27 (NP_663634, 177 a.a. ~ 243 a.a) partial recombinant protein with GST tag. The sequence is RKGLLP GALGSALQGPAQVSWPQLLSTYRLLHSLELVLSRAVRELLLLSKAGHSVWPLGF PTLSPQP
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">IL27 interleukin 27 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	IL27
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">246778</a>
<b>Protein Refseq</b>	<a href="#">NP_663634</a>
<b>UniProt ID</b>	<a href="#">Q8NEV9</a>
<b>Chromosome Location</b>	16p11
<b>Pathway</b>	IL27-mediated signaling events;
<b>Function</b>	cytokine activity; interleukin-27 receptor binding; receptor binding;