

Anti-EBI3 Antibody (9P551)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	9P551
Purification:	Affinity-chromatography

Applications

	Western Blot
	-Positive WB detected in: JK whole cell lysate
Verified Activity:	-All lanes: EBI3 antibody at 1:500
	-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution
	-Predicted band size: 25 kDa
	-Observed band size: 25 kDa
Application:	ELISA, WB
Recommended	WB:1:500-1:2000.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human EBI3
Antigen Species:	Human
Gene ID:	10148
Uniprot ID:	Q14213
Synonyms:	interleukin 12A;NKSF1;Interleukin-35;CLMF;NFSK;p35;IL-35;IL-12A
Biology Area:	Cancer, Immunology

Research Background

Associates with IL27 to form the IL-27 interleukin, a heterodimeric cytokine which functions in innate immunity. IL-27 has pro- and anti-inflammatory properties, that can regulate T-helper cell development, suppress T-cell proliferation, stimulate cytotoxic T-cell activity, induce isotype switching in B-cells, and that has diverse effects on innate immune cells. Among its target cells are CD4 T-helper cells which can differentiate in type 1 effector cells (TH1), type 2 effector cells (TH2) and IL17 producing helper T-cells (TH17). It drives rapid clonal expansion of naive but not memory CD4 T-cells. It also strongly synergizes with IL-12 to trigger interferon-gamma/IFN-gamma production of naive CD4 T-cells, binds to the cytokine receptor WSX-1/TCCR. Another important role of IL-27 is its antitumor activity as well as its antiangiogenic activity with activation of production of antiangiogenic chemokines.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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