

## Product datasheet for **TA336876**

### EBI3 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 2-6 ug/ml
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	A portion of amino acids 50-100 of human EBI3 was used as the immunogen.
Formulation:	PBS containing 0.05% BSA, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Protein G purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	Epstein-Barr virus induced 3
Database Link:	<a href="#">NP_005746</a> <a href="#">Entrez Gene 50498 Mouse</a> <a href="#">Entrez Gene 10148 Human</a> <a href="#">Q14213</a>

**Background:** EBI3 is a novel hematopoietin receptor family member related to the p40 subunit of interleukin-12 and to the ciliary neurotrophic factor receptor. It's expression is induced in B lymphocytes by Epstein-Barr virus (EBV) infection. Human EBI3 gene maps to chromosome 19p13.3, near genes encoding the erythropoietin receptor and the cytokine receptor-associated kinase, Tyk2. The protein is expressed in vivo by scattered cells in interfollicular zones of tonsil tissue, by cells associated with sinusoids in perfollicular areas of spleen tissue, and at very high levels by placental syncytiotrophoblasts. EBI3 expression in vitro is induced in EBV-negative cell lines by expression of the EBV latent infection membrane protein-1 and in peripheral blood mononuclear cells by pokeweed mitogen stimulation. The protein plays a crucial role in regulating cell-mediated immune responses.



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**Synonyms:** IL-27B; IL27B

**Protein Families:** Druggable Genome, Secreted Protein