

Datasheet for ABIN1386189
anti-EBI3 antibody (AA 121-229)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	EBI3 (IL-27b)
Binding Specificity:	AA 121-229
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EBI3 antibody is un-conjugated
Application:	ELISA, Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EBI3/IL-27beta
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	EBI3 (IL-27b)
Alternative Name:	IL-27beta (IL-27b Products)

Target Details

Target Type:	Viral Protein
Background:	Synonyms: cytokine receptor, EBI3, EBV induced gene 3 protein, EBV-induced gene 3 protein, Epstein Barr virus induced 3, Epstein Barr virus induced gene 3, Epstein Barr virus induced gene 3 protein, Epstein-Barr virus-induced gene 3 protein, IL 27 subunit beta, IL 27B, IL-27 subunit beta, IL-27B, IL27 subunit, IL27 subunit beta, IL27B, IL27B_HUMAN, IL35 subunit, interleukin 27 subunit beta, Interleukin-27 subunit beta. Background: Epstein-Barr virus-induced gene 3 (Ebi3) is a widely expressed homolog to the interleukin IL-12 p40 subunit protein that forms a heterodimer with either IL-12 p35 or an IL-12 p35 homolog, p28, to create a new cytokine (IL-27). Ebi3 may function to antagonize IL-12 and to inhibit the development of a Th1 immune response. Ebi3 is strongly expressed in Hodgkin and Reed-Sternberg cells, independently of the EBV status of the tumor cells. Ebi2 is expressed in B-lymphocytes and lymphoid tissues and may function in the modulation of the immune system. Out of the nine genes that are induced by the Epstein-Barr virus, Ebi2 exhibits the highest levels of up-regulation. In addition, Ebi2 may play a role mediating normal lymphocyte functions.

Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months