

Anti-Ebi3 Neutralizing Antibody (V3S-0822-YC1077)

Cat. No.: V3S-0822-YC1077

Summary

Description	This product is a mouse monoclonal antibody provided by Creative Biolabs. The antibody is capable of recognizing Epstein-Barr virus induced gene 3. It can be used for Ebi3 detection in Enzyme-Linked Immunosorbent Assay (ELISA), Neutralization Assay (Neut), Western Blot (WB), Immunoprecipitation (IP). The antibody is expressed in mammalian cells (293F or CHO) with antibody encoding genes and purified by affinity chromatography. Each lot of this antibody is quality control tested by SDS-PAGE and SEC-HPLC analysis. For highly sensitive assays, we recommend the ultra purified form of the product, which has a lower endotoxin limit than standard antibody, less than 1 EU/mg or even 0.1 EU/mg.
Clonality	Monoclonal
Host Species	Mouse
Target Species	Mouse
Immunogen	Mature full length Recombinant mouse EBI-3
Isotype	IgG2b
Isotype Control	C21433
Secondary Antibody	C47504; C37557; C41360; C32672; C10001; C51001; C22134; C60306

Property

Conjugation	Unconjugated
Purity	>95%, determined by SDS-PAGE
Storage	Store at 4°C within one or two weeks. Store at -20°C for long term. Avoid repeated freeze/thaw cycles. Refer to the COA file for specifics.

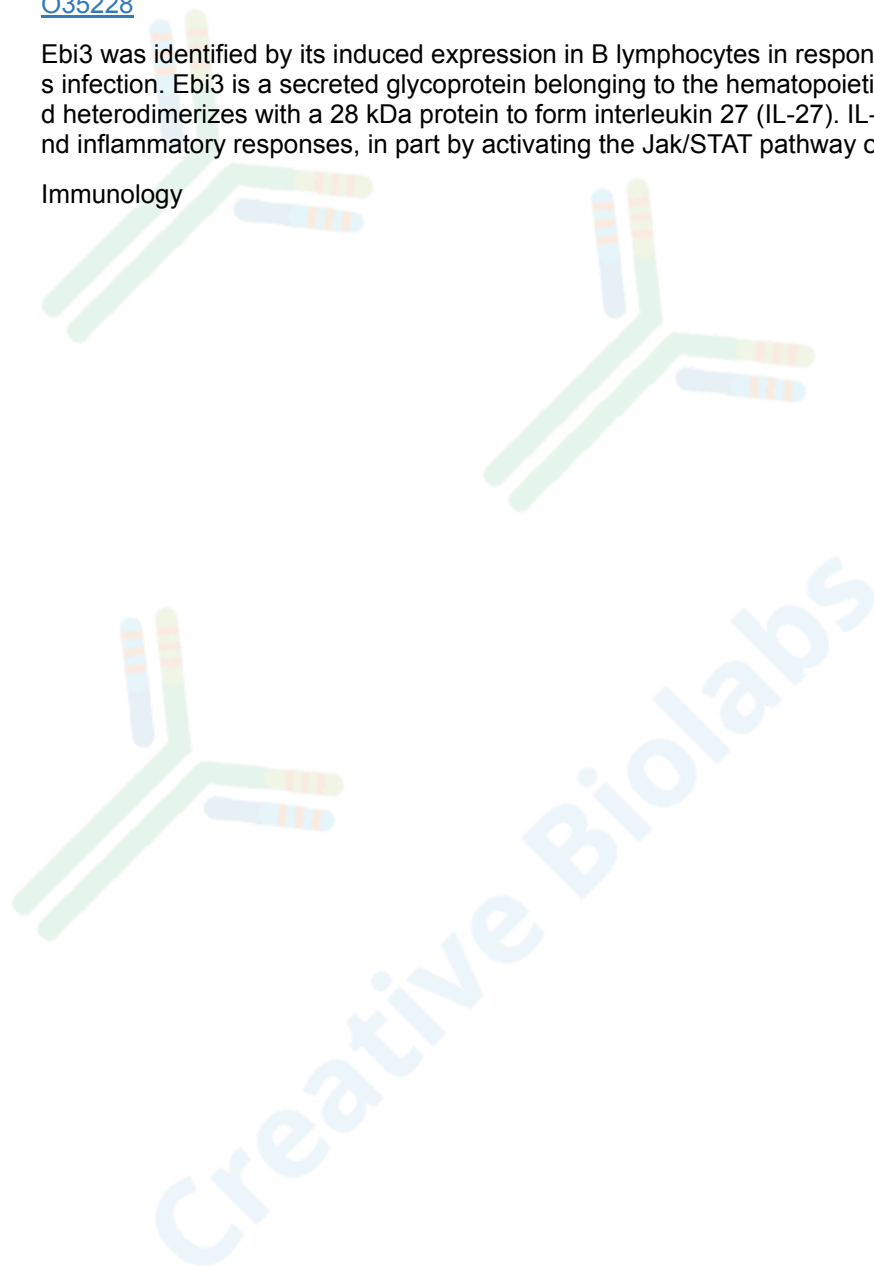
Applications

Application	ELISA; Neut; WB; IP
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Target

For lab research use only, not for diagnostic, therapeutic or any *in vivo* human use.

Target	Ebi3
Alternative Name	Ebi3; Epstein-Barr virus induced gene 3; EBI-3; IL-27
Gene ID	50498
UniProt	Q35228
Introduction	Ebi3 was identified by its induced expression in B lymphocytes in response Epstein-Barr virus infection. Ebi3 is a secreted glycoprotein belonging to the hematopoietin receptor family, and heterodimerizes with a 28 kDa protein to form interleukin 27 (IL-27). IL-27 regulates T cell and inflammatory responses, in part by activating the Jak/STAT pathway of CD4+ T cells.
Research Area	Immunology



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