

Anti-IL-28B IFNL3 Antibody

Catalog Number: A02261

About IFNL3

Interleukin 28 (IL-28B), also known as interferon lambda 3, is cytokine distantly related to type I interferons and the IL-10 family (1). The IL-28B gene and the closely related cytokine genes IL-28A and IL-29 form a cytokine gene cluster on a chromosomal region mapped to 19q13. Expression of the cytokines encoded by the three genes can be induced by viral infection and can induce anti-viral activity (2,3). All three cytokines have been shown to interact with a heterodimeric class II cytokine receptor that consists of interleukin 10 receptor-beta (IL10RB) and interleukin 28 receptor-alpha (IL28RA) (1).

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Overview

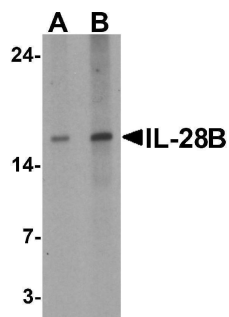
Product Name	Anti-IL-28B IFNL3 Antibody
Reactive Species	Human
Description	Boster Bio Anti-IL-28B IFNL3 Antibody (Catalog # A02261). Tested in ELISA, WB, IF applications. This antibody reacts with Human.
Application	ELISA, IF, WB
Clonality	Polyclonal
Formulation	IL-28B Antibody is supplied in PBS containing $\leq 0.09\%$ sodium azide.
Storage Instructions	IL-28B antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q8IZI9

Technical Details

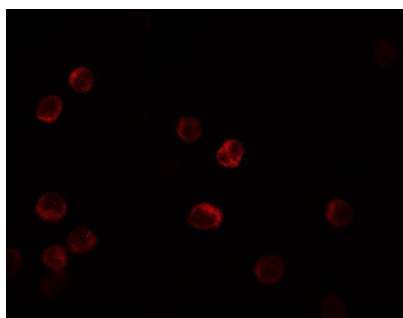
Immunogen	IL-28B antibody was raised against a 17 amino acid peptide near the center of human IL-28B. The immunogen is located within amino acids 120 - 170 of IL-28B.
Predicted Reactive Species	Chicken
Cross Reactivity	IL-28B antibody is human specific. IL-28B antibody may cross-react with IL-28A and IL-29.

Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	IL-28B Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	IL-28B antibody can be used for detection of IL-28B by Western blot at 1 - 2 ug/ml. Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

Anti-IL-28B IFNL3 Antibody (A02261) Images



Western blot analysis of IL-28B in HeLa cell lysate with IL-28B antibody at (A) 1 and (B) 2 ug/ml.



Immunofluorescence of IL-28B in HeLa cells with IL-28B antibody at 5 ug/mL.

Anti-IL-28B IFNL3 Antibody

For Research Use Only. Not for use in diagnostic procedures.