

Anti-IL-21 antibody



Catalog Number: 104836

Product name

Anti-IL-21 antibody

Immunogen

[Mouse IL-21 recombinant protein](#)

Specificity

Mouse IL-21

No cross-reactivity in ELISA with Mouse CD36

Antibody description

Rabbit polyclonal to IL-21

Preparation

Produced in rabbits immunized with purified, recombinant Mouse IL-21 (rM IL-21; Q9ES17; Pro25-Ser146). IL-21 specific IgG was purified by Mouse IL-21 affinity chromatography.

Formulation

0.2 µm filtered solution in PBS with 5% trehalose

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

ELISA, WB

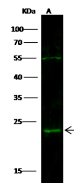
Dilutions

WB: 10-30µg/ml

ELISA: 0.1-0.2 µg/mL

This antibody can be used at 0.1-0.2 µg/mL with the appropriate secondary reagents to detect Mouse IL-21. The detection limit for Mouse IL-21 is < 0.039 ng/well.

Validations



Lanes	A
Items	
Sample (whole cell lysate)	H1-60
Sample Volume (µg/lane)	30
Gel	13%SDS-PAGE, reducing gel
Recommended Concentration	10-30µg/ml
Secondary Antibody	Dylight 800 labeled Antibody to Rabbit IgG [H+], at 1:5000 dilution.
Developed using Odyssey imaging system.	
Explanation	Predicted band size: 17 kDa Observed band size: 23 kDa Additional bands at: 55 kDa (We are unsure as to the identity of these extra bands, they are possible non-specific bindings).

IL-21 Antibody, Rabbit PAb, Antigen Affinity Purified, Western blot