

Anti-IL-27 antibody



Catalog Number: 100474

Product name

Anti-IL-27 antibody

Immunogen

[Human IL-27 \(His Tag\) recombinant protein](#)

Specificity

Human IL-27

Antibody description

Rabbit polyclonal to IL-27

Preparation

Produced in rabbits immunized with purified, recombinant Human IL-27 (rh IL-27; NP_005746.2 & NP_663634.2; Met1-Lys229 & Phe29-Pro243). IL-27 specific IgG was purified by Human IL-27 affinity chromatography.

Formulation

0.2 µm filtered solution in PBS

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, IP

Dilutions

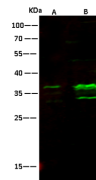
WB: 10-20 µg/ml

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 Human IL-27.

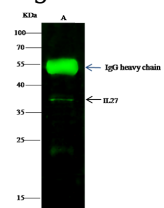
IP: 4-6 µg/mg of lysate

Validations



Lanes	A	B
Items		
Sample (whole cell lysate)	Daudi	Jurkat
Sample Volume (µg/lane)	30	30
Gel	13% SDS-PAGE reducing gel	
Recommended Concentration	10-20 µg/ml	
Secondary Antibody	Dylight 800-labeled Antibody To Rabbit IgG (H+L), at 1:5000 dilution.	
Developed using Odyssey imaging system.		
Explanation	Predicted band size : 27 kDa Observed band size : 37 kDa Additional bands at : 33 kDa (We are unsure as to the identity of these extra bands. They are possible non-specific bindings).	

IL-27 Antibody, Rabbit PAb, Antigen Affinity



Lanes	A
Items	
Sample (whole cell lysate)	Daudi
Sample quantity	0.5 mg
IP antibody quantity	2 µg
Protein G agarose	15 µl of 50% Protein G Agarose
Gel	13% SDS-PAGE reducing gel
Primary antibody	IL27-his antibody at 10 µg/ml
Secondary antibody	Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution.

Purified, Western blot

IL-27 Antibody, Rabbit PAb, Antigen Affinity Purified, Immunoprecipitation

Immunochemical staining of human E-cadherin in human gastric cancer with rabbit polyclonal antibody (1 µg/mL, formalin-fixed paraffin embedded sections).