

Datasheet for ABIN500000
anti-IL27 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	IL27
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA), Immunofluorescence (IF)

Product Details

Immunogen:	Affinity chromatography purified via peptide column
Isotype:	IgG
Specificity:	This antibody reacts to IL-27.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	IL27
Alternative Name:	Interleukin-27 / IL27A (IL27 Products)
Background:	Like interleukin-23 (IL-23), IL-27 is a recently discovered member of the IL-6/IL-12 family of proinflammatory and immunoregulatory cytokines. It exists as a heterodimer composed of the p40-related protein EBI3 and an IL-12 p35-related protein termed p28. IL-27 is produced after activation by antigen-presenting cells and induces proliferation of naive but not memory CD4+

Target Details

T-cells. It acts by binding to its receptor WSX-1 and gp130 which results in the activation of a Jak/STAT signaling cascade, suggesting the IL-27 is involved in the regulation of immune processes. It has been suggested that IL-27 can also be used as a therapeutic agent against cancer as it can also induce tumor-specific anti-tumor activity mediated through CD8+ T-cells, IFN- γ , and T-bet. Synonyms: IL-27 subunit alpha, IL-30, IL27-A, IL30, Interleukin-30, p28

Gene ID: 246778

NCBI Accession: [NP_663634](#)

UniProt: [Q8NEV9](#)

Application Details

Application Notes: ELISA. Western Blot: 2 - 4 μ g/mL. Immunocytochemistry.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

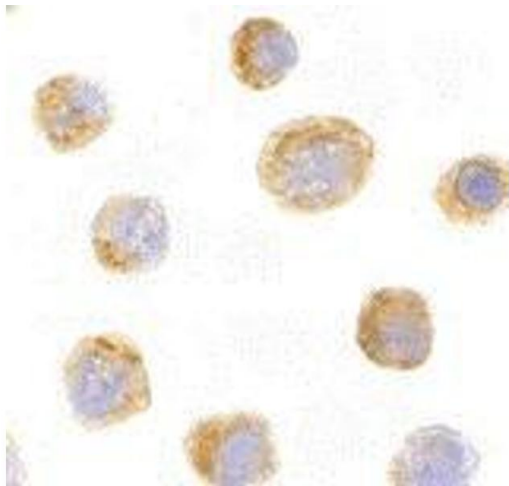
Handling

Buffer: PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

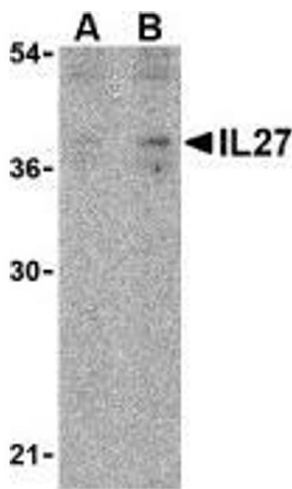
Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C



Immunofluorescence

Image 1. Immunocytochemistry of IL-27 in EL4 with AP30420PU-N IL-27 antibody at 10 µg/ml.



Western Blotting

Image 2. Western blot analysis of IL-27 in EL4 lysate with AP30420PU-N IL-27 antibody at (A) 2 and (B) 4 µg/ml.