

Product datasheet for **AP08877PU-N**

IL27 (N-term) Rabbit Polyclonal Antibody

Product data:

| | |
|-----------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | IF, IHC, WB |
| Recommended Dilution: | Immunocytochemistry. Immunohistochemistry on Paraffin Sections: 5 µg/ml. Western Blot: 2 - 4 µg/ml. |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Synthetic peptide from Human IL27 |
| Specificity: | This antibody recognizes Interleukin 27 (IL27). |
| Formulation: | PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.02% Sodium Azide |
| Concentration: | lot specific |
| Purification: | Immunoaffinity Chromatography |
| Conjugation: | Unconjugated |
| Storage: | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | interleukin 27 |
| Database Link: | Entrez Gene 246778 Human Q8NEV9 |



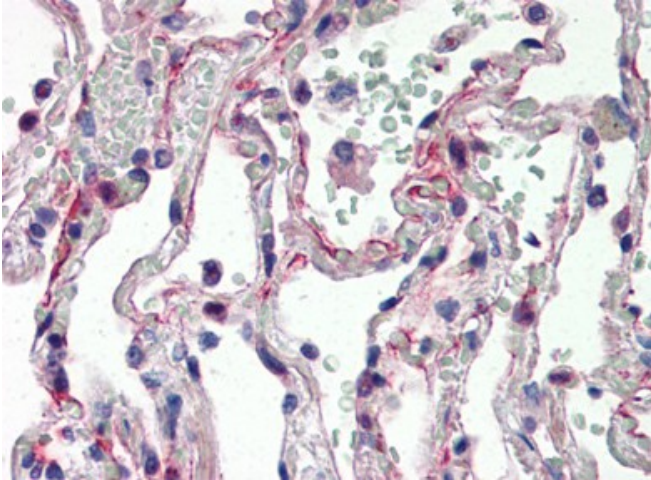
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Background:

IL27 is a recently discovered member of the IL6/IL12 family of proinflammatory and immunoregulatory cytokines. It exists as a heterodimer composed of the p40-related protein EB13 and an IL12 p35-related protein termed p28. IL27 is produced after activation by antigen-presenting cells and induces proliferation of naive but not memory CD4+ 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 IL27 is involved in the regulation of immune processes.

Synonyms:

IL-27 subunit alpha, IL27-A, p28, IL30, IL-30, Interleukin-30

Product images:

Formalin-Fixed, Paraffin-Embedded Human Lung stained with Interleukin-27 / IL27A Antibody Cat.-No AP08877PU-N at 5 ug/ml after heat-induced antigen retrieval.