

IL-13 Rabbit mAb
Catalog # AP78849**Specification**

IL-13 Rabbit mAb - Product Information

| | |
|-------------------|----------------------------|
| Application | WB |
| Primary Accession | P35225 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Monoclonal Antibody |
| Calculated MW | 15788 |

IL-13 Rabbit mAb - Additional Information**Gene ID** 3596**Other Names**

IL13

Dilution

WB~~1/500-1/1000

Format

Liquid

IL-13 Rabbit mAb - Protein Information**Name** IL13**Synonyms** NC30**Function**

Cytokine that plays important roles in allergic inflammation and immune response to parasite infection (PubMed:[8096327](http://www.uniprot.org/citations/8096327)), PubMed:[8097324](http://www.uniprot.org/citations/8097324)), PubMed:[8097324](http://www.uniprot.org/citations/8097324)). Synergizes with IL2 in regulating interferon-gamma synthesis (PubMed:[8096327](http://www.uniprot.org/citations/8096327)). Stimulates B-cell proliferation, and activation of eosinophils, basophils, and mast cells (PubMed:[7903680](http://www.uniprot.org/citations/7903680)), PubMed:[8759755](http://www.uniprot.org/citations/8759755)). Plays an important role in controlling IL33 activity by modulating the production of transmembrane and soluble forms of interleukin-1 receptor-like 1/IL1RL1 (By similarity). Displays the capacity to antagonize Th1-driven proinflammatory immune response and downregulates synthesis of many proinflammatory cytokines including IL1, IL6, IL10, IL12 and TNF-alpha through a mechanism that partially involves suppression of NF-kappa-B (By similarity). Functions also on nonhematopoietic cells, including endothelial cells where it induces vascular cell adhesion protein 1/VCAM1, which is important in the recruitment of eosinophils (PubMed:[8639787](http://www.uniprot.org/citations/8639787)). Exerts its

biological effects through its receptors which comprises the IL4R chain and the IL13RA1 chain, to activate JAK1 and TYK2, leading to the activation of STAT6 (PubMed:9013879). Aside from IL13RA1, another receptor IL13RA2 acts as a high affinity decoy for IL13 and mediates internalization and depletion of extracellular IL13 (PubMed:21622864).

Cellular Location

Secreted.

IL-13 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IL-13 Rabbit mAb - Images

