

IL13 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13737b

Specification

IL13 Antibody (C-term) - Product Information

Application	IF, WB, IHC-P,E
Primary Accession	P35225
Other Accession	NP_002179.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Antigen Region	118-146

IL13 Antibody (C-term) - Additional Information

Gene ID 3596

Other Names

Interleukin-13, IL-13, IL13, NC30

Target/Specificity

This IL13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 118-146 amino acids from the C-terminal region of human IL13.

Dilution

IF~~1:10~50

WB~~1:1000

IHC-P~~1:10~50

Format

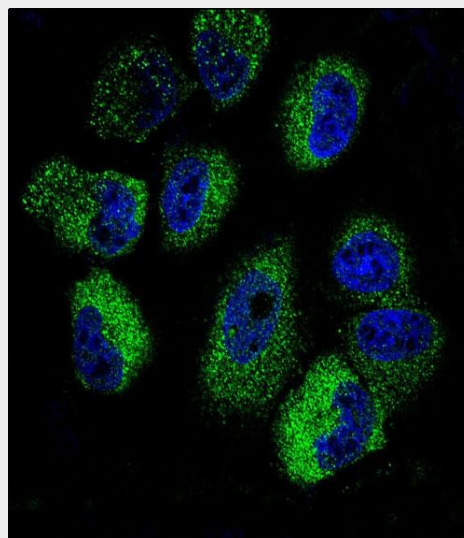
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

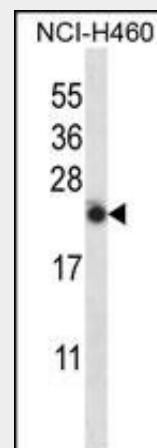
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

IL13 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.



Confocal immunofluorescent analysis of IL13 Antibody (C-term) (Cat#AP13737b) with NCI-H460 cell line followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IL13 Antibody (C-term) (Cat. #AP13737b) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the IL13 antibody detected the IL13 protein (arrow).

IL13 Antibody (C-term) - Protein Information

Name IL13

Synonyms NC30

Function

Cytokine (PubMed:8096327, PubMed:8097324). Inhibits inflammatory cytokine production (PubMed:8096327). Synergizes with IL2 in regulating interferon-gamma synthesis (PubMed:8096327). May be critical in regulating inflammatory and immune responses (PubMed:8096327, PubMed:8097324). Positively regulates IL31RA expression in macrophages (By similarity).

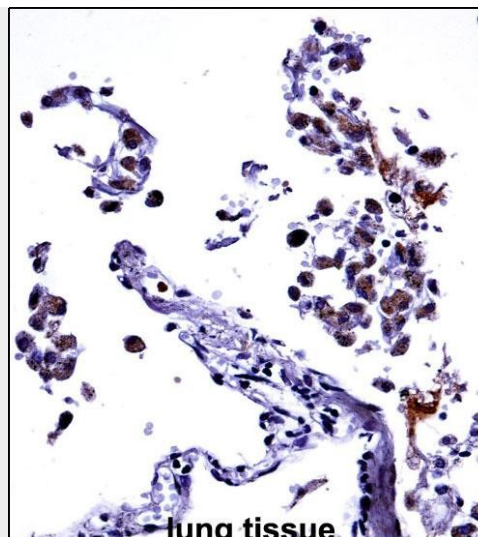
Cellular Location

Secreted.

IL13 Antibody (C-term) - 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](#)



IL13 Antibody (C-term) (AP13737b) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of IL13 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

IL13 Antibody (C-term) - Background

This gene encodes an immunoregulatory cytokine produced primarily by activated Th2 cells. This cytokine is involved in several stages of B-cell maturation and differentiation. It up-regulates CD23 and MHC class II expression, and promotes IgE isotype switching of B cells. This cytokine down-regulates macrophage activity, thereby inhibits the production of pro-inflammatory cytokines and chemokines. This cytokine is found to be critical to the pathogenesis of allergen-induced asthma but operates through mechanisms independent of IgE and eosinophils. This gene, IL3, IL5, IL4, and CSF2 form a cytokine gene cluster on chromosome 5q, with this gene particularly close to IL4. [provided by RefSeq].

IL13 Antibody (C-term) - References

Bailey, S.D., et al. Diabetes Care
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Beckers, M.M., et al. Eur. J. Intern. Med.
21(4):289-292(2010)
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