

**Anti-IL-13 Reference Antibody (CNTO 607)
Recombinant Antibody
Catalog # APR10689****Specification**

Anti-IL-13 Reference Antibody (CNTO 607) - Product Information

Application	FC, E, FTA
Primary Accession	P35225
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	145 KDa

Anti-IL-13 Reference Antibody (CNTO 607) - Additional Information**Target/Specificity**
IL-13**Endotoxin**
< 0.001EU/ µg,determined by LAL method.**Conjugation**
Unconjugated**Expression system**
CHO Cell**Format**
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.**Storage**
-80°C for 2 years under sterile conditions □ -20°C for 1 year under sterile conditions □ Avoid repeated freeze-thaw cycles.**Anti-IL-13 Reference Antibody (CNTO 607) - Protein Information****Name** IL13**Synonyms** NC30**Function**
Cytokine that plays important roles in allergic inflammation and immune response to parasite infection (PubMed:8096327, PubMed:8097324). Synergizes with IL2 in regulating interferon-gamma synthesis (PubMed:8096327). Stimulates B-cell proliferation, and activation of eosinophils, basophils, and mast cells (PubMed:8096327).

[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](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/21622864)).

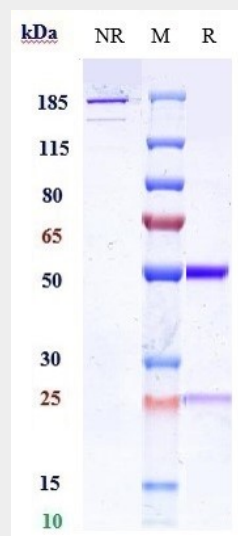
Cellular Location
Secreted.

Anti-IL-13 Reference Antibody (CNTO 607) - Protocols

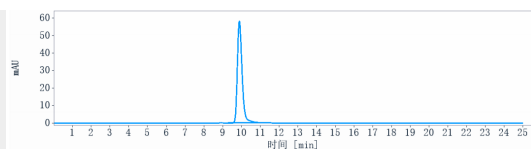
Provided below are standard protocols that you may find useful for product applications.

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

Anti-IL-13 Reference Antibody (CNTO 607) - Images



Anti-IL-13 Reference Antibody (CNTO 607) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-IL-13 Reference Antibody (CNTO 607) is more than 95% ,determined by SEC-HPLC.