

**Anti-IL-5 Reference Antibody (Abgenix anti-IL-5)
Recombinant Antibody
Catalog # APR10958****Specification**

Anti-IL-5 Reference Antibody (Abgenix anti-IL-5) - Product Information

Application	FC, E, FTA
Primary Accession	P05113
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG4SP
Calculated MW	150 KDa

Anti-IL-5 Reference Antibody (Abgenix anti-IL-5) - Additional Information**Target/Specificity**

IL-5

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.

Anti-IL-5 Reference Antibody (Abgenix anti-IL-5) - Protein Information**Name** IL5**Function**

Homodimeric cytokine expressed predominantly by T-lymphocytes and NK cells that plays an important role in the survival, differentiation, and chemotaxis of eosinophils (PubMed: [2653458](http://www.uniprot.org/citations/2653458), PubMed: [9010276](http://www.uniprot.org/citations/9010276)). Acts also on activated and resting B-cells to induce immunoglobulin production, growth, and differentiation (By similarity). Mechanistically, exerts its biological effects through a receptor composed of IL5RA subunit and the cytokine receptor common subunit beta/CSF2RB (PubMed: [1495999](http://www.uniprot.org/citations/1495999), PubMed: [22528658](http://www.uniprot.org/citations/22528658)). Binding to the receptor leads to activation of various kinases including LYN, SYK and JAK2 and thereby propagates signals through the RAS-MAPK and JAK-STAT5 pathways respectively (PubMed: [7613138](http://www.uniprot.org/citations/7613138)).

Cellular Location
Secreted.

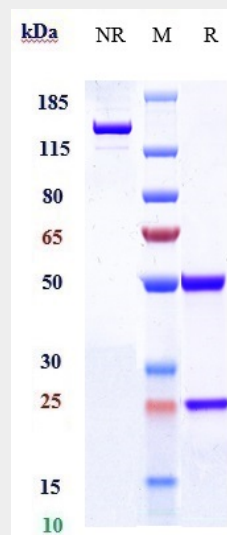
Tissue Location
Present in peripheral blood mononuclear cells.

Anti-IL-5 Reference Antibody (Abgenix anti-IL-5) - Protocols

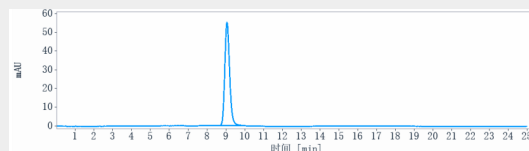
Provided below are standard protocols that you may find useful for product applications.

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

Anti-IL-5 Reference Antibody (Abgenix anti-IL-5) - Images



Anti-IL-5 Reference Antibody (Abgenix anti-IL-5) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-IL-5 Reference Antibody (Abgenix anti-IL-5) is more than 95%, determined by SEC-HPLC.