

**Anti-IL-4 Reference Antibody (pascolizumab)
Recombinant Antibody
Catalog # APR10688****Specification**

Anti-IL-4 Reference Antibody (pascolizumab) - Product Information

Application	FC, E, FTA
Primary Accession	P24394
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	145 KDa

Anti-IL-4 Reference Antibody (pascolizumab) - Additional Information**Target/Specificity**

IL-4

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-4 Reference Antibody (pascolizumab) - Protein Information**Name** IL4R**Synonyms** IL4RA**Function**

Receptor for both interleukin 4 and interleukin 13 (PubMed: [17030238](http://www.uniprot.org/citations/17030238)). Couples to the JAK1/2/3-STAT6 pathway. The IL4 response is involved in promoting Th2 differentiation. The IL4/IL13 responses are involved in regulating IgE production and, chemokine and mucus production at sites of allergic inflammation. In certain cell types, can signal through activation of insulin receptor substrates, IRS1/IRS2.

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

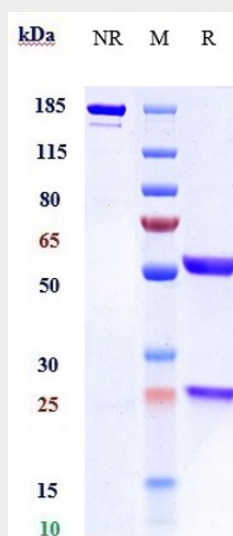
Isoform 1 and isoform 2 are highly expressed in activated T-cells

Anti-IL-4 Reference Antibody (pascolizumab) - Protocols

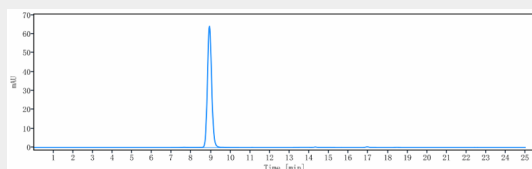
Provided below are standard protocols that you may find useful for product applications.

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

Anti-IL-4 Reference Antibody (pascolizumab) - Images



Anti-IL-4 Reference Antibody (pascolizumab) 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-4 Reference Antibody (pascolizumab) is more than 95%, determined by SEC-HPLC.