

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

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

Application	FC, Kinetics, Animal Model
Primary Accession	<a href="#">P24394</a>
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	145 KDa

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

IL-4

**Endotoxin**

&lt; 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:<a href="http://www.uniprot.org/citations/17030238" target="\_blank">17030238</a>). 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

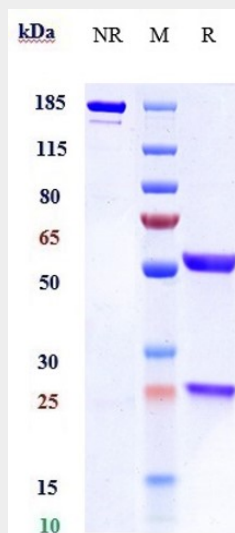
**Tissue Location**

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

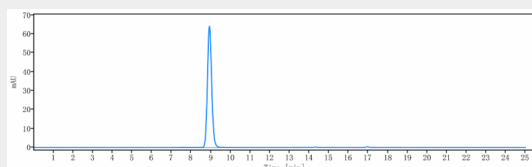
**Anti-IL-4 Reference Antibody (pascolizumab) - Protocols**

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.