10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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). 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

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

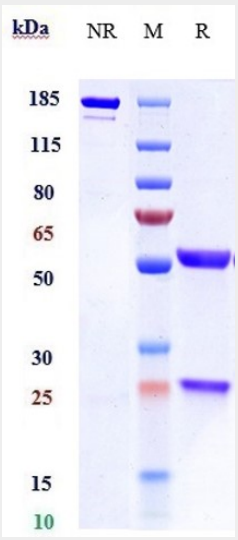
Tissue Location
Isoform 1 and isoform 2 are highly expressed in activated T-cells

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

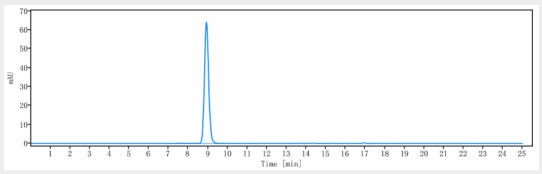
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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.