

Anti-CD124 Antibody
Rabbit polyclonal antibody to CD124
Catalog # AP60325

Specification

Anti-CD124 Antibody - Product Information

Application	WB
Primary Accession	P24394
Other Accession	P16382
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	89658

Anti-CD124 Antibody - Additional Information

Gene ID 3566

Other Names

IL4RA; Interleukin-4 receptor subunit alpha; IL-4 receptor subunit alpha; IL-4R subunit alpha; IL-4R-alpha; IL-4RA; CD124

Target/Specificity

Recognizes endogenous levels of CD124 protein.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-CD124 Antibody - 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

Tissue Location

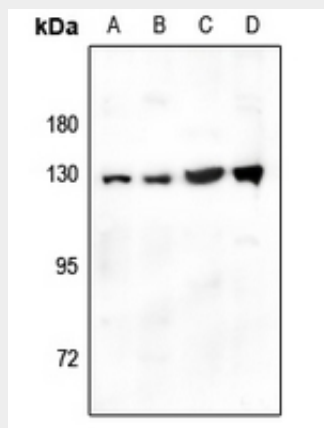
Isoform 1 and isoform 2 are highly expressed in activated T-cells

Anti-CD124 Antibody - 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-CD124 Antibody - Images



Western blot analysis of CD124 expression in K562 (A), MCF7 (B), SP20 (C), PC12 (D) whole cell lysates.

Anti-CD124 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD124. The exact sequence is proprietary.