

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

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**Anti-CD124 Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P24394</a>
Other Accession	<a href="#">P16382</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>89658</b>

**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:<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

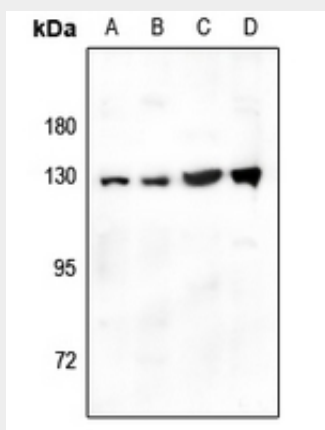
**Tissue Location**

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

**Anti-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.