

Rabbit anti-Human IL4R Polyclonal Antibody | anti-IL4R antibody

IL4R Antibody (C-term)

CATALOG # AAA284044	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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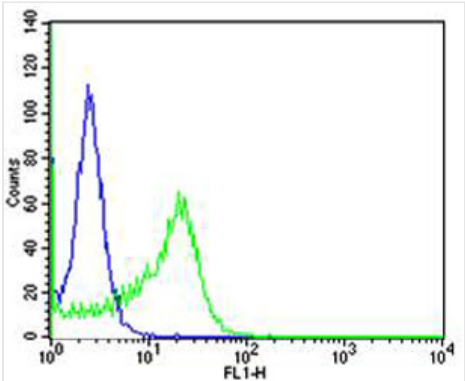
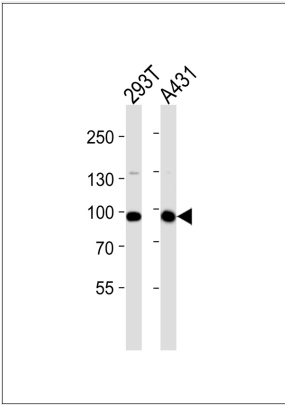
PRODUCT SYNONYMS

IL4R; Polyclonal Antibody; IL4R Antibody (C-term); Interleukin-4 receptor subunit alpha; IL-4 receptor subunit alpha; IL-4R subunit alpha; IL-4R-alpha; IL-4RA; CD124; Soluble interleukin-4 receptor subunit alpha; Soluble IL-4 receptor subunit alpha; Soluble IL-4R-alpha; sIL4Ralpha/prot; IL-4-binding protein; IL4-BP; IL4RA; anti-IL4R antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IL4R antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 677-691 amino acids from the C-terminal region of human IL4R.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	825
Applicable Applications for anti-IL4R antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Function	Receptor for both interleukin 4 and interleukin 13. 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.
Cell Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Isoform 1 and isoform 2 are highly expressed in activated T-cells
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of Ramos cells using IL4R Antibody (C-term)(green) compared to an isotype control of rabbit IgG(blue). AAA284044 was diluted at 1:25 dilution. An Alexa Fluor 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.

WB (Western Blot)
Western blot analysis of lysates from 293T, A431 cell line (from left to right), using IL4R Antibody (C-term). AAA284044 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-IL4R antibody	Receptor for both interleukin 4 and interleukin 13. 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.
Product Categories/Family for anti-IL4R antibody	Crown Antibodies; Cancer; Immunology
References	Idzerda R.L.,et al.J. Exp. Med. 171:861-873(1990). Galizzi J.-P.,et al.Int. Immunol. 2:669-675(1990). Kruse S.,et al.Int. Immunol. 11:1965-1970(1999). Loftus B.J.,et al.Genomics 60:295-308(1999). Ota T.,et al.Nat. Genet. 36:40-45(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557669
NCBI GeneID	3566
NCBI Accession #	NP_000409.1
NCBI GenBank Nucleotide #	NM_000418.3
UniProt Accession #	P24394; Q96P01; Q9H181; Q9H182; Q9H183; Q9H184; Q9H185; Q9H186; Q9H187; B4E076; B9EKU8; H3BSY5
Molecular Weight	Calculated MW: 89658
NCBI Official Full Name	interleukin-4 receptor subunit alpha isoform a
NCBI Official Synonym Full Names	interleukin 4 receptor
NCBI Official Symbol	IL4R
NCBI Official Synonym Symbols	CD124; IL4RA; IL-4RA
NCBI Protein Information	interleukin-4 receptor subunit alpha
UniProt Protein Name	Interleukin-4 receptor subunit alpha
UniProt Gene Name	IL4R

UniProt Synonym Gene Names	IL4RA; IL-4 receptor subunit alpha; IL-4R subunit alpha; IL-4R-alpha; IL-4RA; Soluble IL-4 receptor subunit alpha; Soluble IL-4R-alpha; sIL4Ralpha/prot; IL4-BP
UniProt Entry Name	IL4RA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/il4r-antibody-flow-cytometry-western-blot-elisa/284044>