

IL-4Ra/CD124 recombinant antibody

Anti-IL-4Ra/CD124 Reference Antibody (MEDI2045)

CATALOG # AAA297610	HOST CHO Cell	REACTIVITY Human, Mouse, Cynomolgus	APPLICATIONS Flow Cytometry, Functional Assay, ELISA
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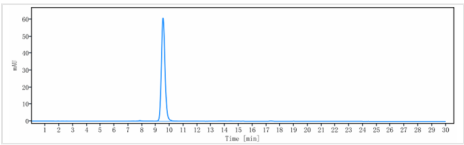
PRODUCT SYNONYMS

IL-4Ra/CD124; Monoclonal Recombinant Antibody; Anti-IL-4Ra/CD124 Reference Antibody (MEDI2045); IL-4Ra/CD124 recombinant antibody

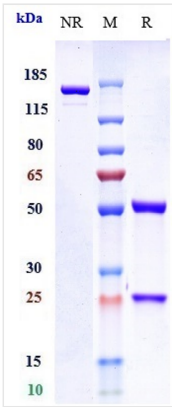
PRODUCT SPECIFICATIONS

Host	CHO Cell
Reactivity	Human, Mouse, Cynomolgus
Clonality	Monoclonal
Isotype	IgG1
Specificity	IL-4Ra/CD124
Form/Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.
Applicable Applications for IL-4Ra/CD124 recombinant antibody	FCM/FACS (Flow Cytometry), ELISA
Endotoxin	< 0.001EU/ug, determined by LAL method.
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.
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Isoform 1 and isoform 2 are highly expressed in activated T-cells
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Short Term: -20°C to Long Term: -80°C. Avoid repeated freeze-thaw cycles.

IMAGES



Application Data
The purity of Anti-IL-4Ra / CD124 Reference Antibody (MEDI2045) is more than 95% ,determined by SEC-HPLC.



SDS-PAGE
Anti-IL-4Ra / CD124 Reference Antibody (MEDI2045) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%

ADDITIONAL INFORMATION

Product Categories/Family for IL-4Ra/CD124 recombinant antibody	Primary Antibodies
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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; Q9H188; B9EKU8; H3BSY5
Molecular Weight	Calculated MW: 150kDa
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; IL4R nirs variant 1; IL-4 receptor subunit alpha; interleukin-4 receptor alpha chain
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.