

# Anti-IL-4Ra / CD124 Reference Antibody (Rademikibart)

Catalog # APR11252

## Product Information

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|--------------------------|----------------------------------------------------------------|
| <b>Application</b>       | Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA |
| <b>Primary Accession</b> | <a href="#">P24394</a>                                         |
| <b>Reactivity</b>        | Human                                                          |
| <b>Clonality</b>         | Monoclonal                                                     |
| <b>Isotype</b>           | IgG4SP-noK                                                     |
| <b>Calculated MW</b>     | 89658                                                          |

## Additional Information

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|---------------------------|----------------|
| <b>Target/Specificity</b> | IL-4Ra / CD124 |
| <b>Expression system</b>  | CHO            |

## Protein Information

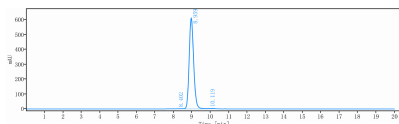
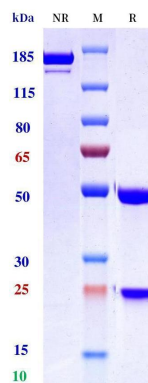
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| <b>Name</b>              | IL4R                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Synonyms</b>          | IL4RA                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Function</b>          | Receptor for both interleukin 4 and interleukin 13 (PubMed: <a href="#">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. |
| <b>Cellular Location</b> | Cell membrane; Single-pass type I membrane protein                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Tissue Location</b>   | Isoform 1 and isoform 2 are highly expressed in activated T-cells                                                                                                                                                                                                                                                                                                                                                                     |

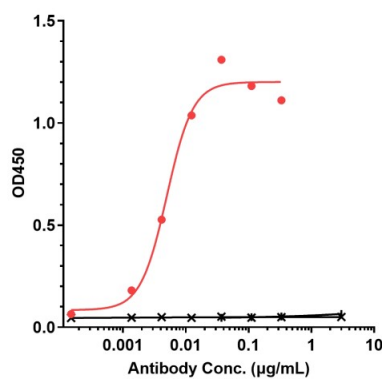
## Images

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Anti-IL-4Ra / CD124 Reference Antibody (Rademikibart) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-IL-4Ra / CD124 Reference Antibody (Rademikibart) is 98.69%, determined by SEC-HPLC.



Immobilized human I4R ECD(26-232)-Nhis at 2 µg/mL can bind Rademikibart, EC50= 0.00499 µg/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.