

anti-Human Dupilumab Monoclonal Antibody | anti-IL4R antibody

Research Grade Dupilumab

CATALOG #
AAA120062

REACTIVITY
Human

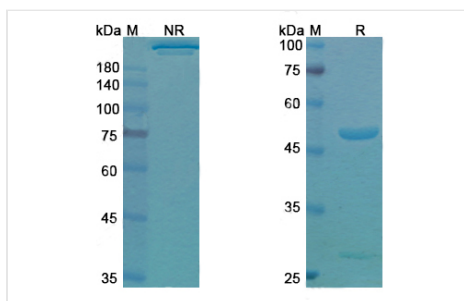
PRODUCT SYNONYMS

Dupilumab; Monoclonal Antibody; Research Grade Dupilumab; CD124; REGN668; SAR231893; IL-4RA; IL-4-binding protein; IL-4 receptor subunit alpha; Soluble IL-4R-alpha; IL4-BP; IL4R; IL-4R subunit alpha; IL-4R-alpha; Interleukin-4 receptor subunit alpha; IL4RA; Soluble IL-4 receptor subunit alpha; sIL4Ralpha/prot; anti-IL4R antibody

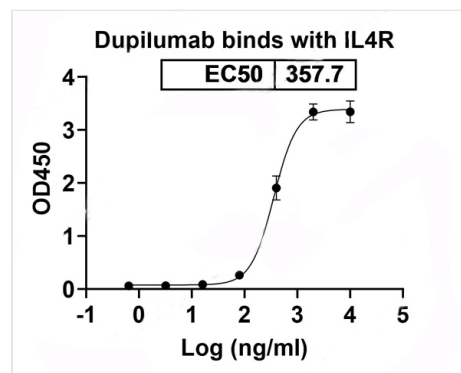
PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Monoclonal
Isotype	IgG4-kappa
Purity/Purification	>95%; Protein A or G purified from cell culture supernatant.
Form/Format	Liquid. PBS buffer, pH7.4
Concentration	1mg/ml (varies by lot)
Host Species	Human
CAS	1190264-60-8
Preparation and Storage	Store at +4 degree C short term (1-2 weeks). Store at -20 degree C 12 months. Store at -80 degree C long term. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

IMAGES



SDS-PAGE
SDS PAGE for Dupilumab



Bioactivity
Detects Human CD124/IL4R in direct ELISAs.

ADDITIONAL INFORMATION

Product Categories/Family for anti-IL4R antibody Research Biosimilar

References	Dupilumab for treatment of atopic dermatitis, PMID: 29557246 Mechanisms of Dupilumab, PMID: 31505066 Dupilumab: A review of its use in the treatment of atopic dermatitis, PMID: 29471919 Efficacy and safety of dupilumab in patients with severe chronic rhinosinusitis with nasal polyps (LIBERTY NP SINUS-24 and LIBERTY NP SINUS-52): results from two multicentre, randomised, double-blind, placebo-controlled, parallel-group phase 3 trials, PMID: 31543428 Dupilumab for the treatment of asthma, PMID: 28085503
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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	89,658 Da
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.