

# Product Datasheet

## **IL-4R alpha Antibody - (Research Grade dupilumab Biosimilar) - Low Endotoxin, Azide and BSA Free NBP3-28009-100ug**

Unit Size: 100 ug

Store at -20C in powder form. Store at -80C once reconstituted.

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**NBP3-28009-100ug**

IL-4R alpha Antibody - (Research Grade dupilumab Biosimilar) - Low Endotoxin, Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C in powder form. Store at -80C once reconstituted.
Clonality	Monoclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with sterile, distilled water to a final concentration of 1 mg/ml. Gently shake to solubilize completely. Do not vortex.
Isotype	IgG4
Purity	Protein A purified
Buffer	Lyophilized from 25mM histidine, 8% sucrose, 0.01% Tween80 (pH6.2)

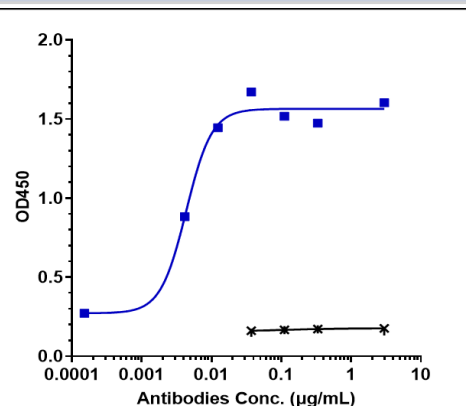
Product Description	
Description	<p>Expressed from CHO. The heavy chain type is hulgG4SP, and the light chain type is hukappa. It has a predicted MW of 145.5 kDa.</p> <p>Also known as 'dupilumab'.</p> <p>This product is shipped at ambient temperature. Upon receipt, store immediately at -20C or lower for 12 months in a lyophilized state. - 80C for 3 months after reconstitution. Avoid repeated freeze-thaw cycles.</p>
Host	Human
Gene ID	3566
Gene Symbol	IL4R
Species	Human
Reactivity Notes	Predicted species reactivity: Mouse, Cynomolgus
Immunogen	IL-4Ra / CD124
Endotoxin Note	< 0.001EU/ug,determined by LAL method.

Product Application Details	
Applications	ELISA, Flow Cytometry, Functional
Recommended Dilutions	Flow Cytometry, ELISA, Functional

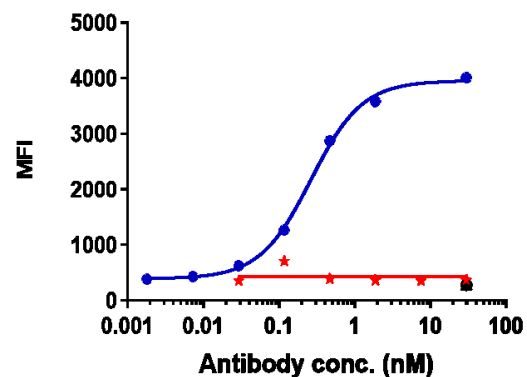


## Images

Immobilized human IL4RA His at 2 ug/mL can bind IL-4R alpha Antibody (dupilumab),  $EC_{50}=0.004327$  ug/mL.



Human IL-4Ra / CD124 HEK293 Cell Line were stained with dupilumab and negative control protein respectively, washed and then followed by FITC and analyzed with FACS,  $EC_{50}=0.227$  nM.





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### **Products Related to NBP3-28009-100ug**

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G-102-C	Goat anti-Human IgG Secondary Antibody [Unconjugated]
NB7446	Goat anti-Human IgG Fc Secondary Antibody
DDXCH04P-100	Human IgG4 Isotype Control
NBP2-61210-50ug	Recombinant Human IL-4R alpha His Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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