

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 4C.

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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 4C. |
| 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) |

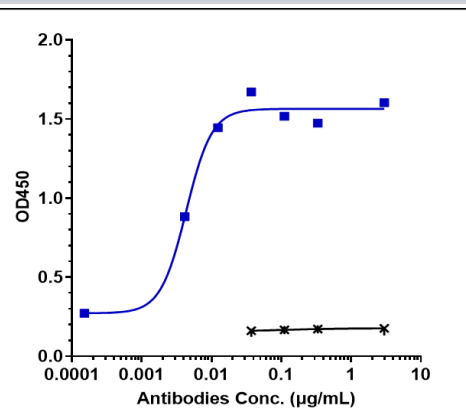
| Product Description | |
|---------------------|---|
| Description | <p>Expressed from CHO. The heavy chain type is hulgG4SP, and the light chain type is hukappa. It has a predicted MW of 145.5 kDa.</p> <p>Also known as 'dupilumab'.</p> <p>Upon receipt, store immediately at -20C or lower for 24 months 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 |

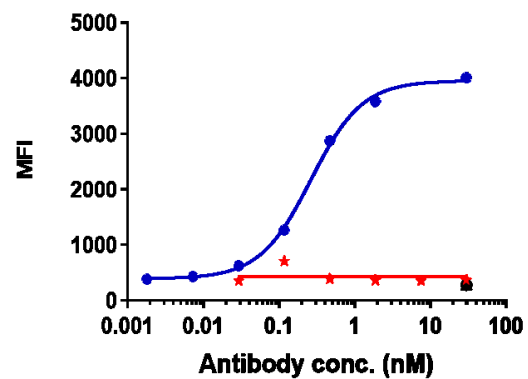


Images

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

| | |
|-----------------|---|
| 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 |

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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