

# Product Datasheet

## **IFN-alpha/beta R1 Antibody - (Research Grade anifrolumab Biosimilar) - Low Endotoxin, Azide and BSA Free** **NBP3-28504-100ug**

Unit Size: 100 ug

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

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**NBP3-28504-100ug**

IFN- $\alpha$ /beta R1 Antibody - (Research Grade anifrolumab Biosimilar) - Low Endotoxin, Azide and BSA Free

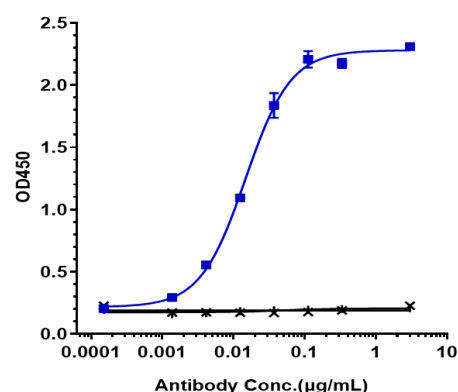
| Product Information         |                                                                                                                                       |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 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                     | IgG1                                                                                                                                  |
| Purity                      | Protein A purified                                                                                                                    |
| Buffer                      | Lyophilized from 25mM histidine, 8% sucrose, 0.01% Tween80 (pH6.2)                                                                    |

| Product Description |                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | <p>The heavy chain type is hulgG1, and the light chain type is hukappa. It has a predicted MW of 145.5 kDa.</p> <p>Also known as 'anifrolumab'.</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             | 3454                                                                                                                                                                                                                                                                                                                                                                          |
| Gene Symbol         | IFNAR1                                                                                                                                                                                                                                                                                                                                                                        |
| Species             | Human                                                                                                                                                                                                                                                                                                                                                                         |
| Reactivity Notes    | Predicted species reactivity: Cynomolgus                                                                                                                                                                                                                                                                                                                                      |
| Immunogen           | IFNAR1                                                                                                                                                                                                                                                                                                                                                                        |
| 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 IFNAR1, Fc at 2 ug/mL can bind IFN- $\alpha$ /beta R1 Antibody (anifrolumab), EC<sub>50</sub>=0.0147 ug/mL.



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**Products Related to NBP3-28504-100ug**

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| G-102-C           | Goat anti-Human IgG Secondary Antibody [Unconjugated] |
| NB7446            | Goat anti-Human IgG Fc Secondary Antibody             |
| DDXCH01P-100      | Human IgG1 Isotype Control                            |
| NBP2-77487-0.05mg | Recombinant Human IFN-alpha/beta R1 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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