

# Product Datasheet

## **GDF-11/GDF-8 Antibody - IgG4SP, (Research Grade apitegromab Biosimilar) - Low Endotoxin, Azide and BSA Free**

### **NBP3-28425-100ug**

Unit Size: 100 ug

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

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**NBP3-28425-100ug**

GDF-11/GDF-8 Antibody - IgG4SP, (Research Grade apitegromab 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>The heavy chain type is hulgG4SP, and the light chain type is hulambda. It has a predicted MW of 145.5 kDa.</p> <p>Also known as 'apitegromab'.</p> <p>IgG4SP is human IgG4 with S228P mutation.</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             | 10220                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene Symbol         | GDF11                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Species             | Human                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Immunogen           | GDF8 / Myostatin                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Endotoxin Note      | < 0.001EU/ug,determined by LAL method.                                                                                                                                                                                                                                                                                                                                                                                            |

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





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### **Products Related to NBP3-28425-100ug**

|                |                                                       |
|----------------|-------------------------------------------------------|
| G-102-C        | Goat anti-Human IgG Secondary Antibody [Unconjugated] |
| NB7446         | Goat anti-Human IgG Fc Secondary Antibody             |
| DDXCH04P-100   | Human IgG4 Isotype Control                            |
| 7754-BH-005/CF | TGF-beta 1 [Unconjugated]                             |

### **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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