

# Product Datasheet

## Lgr4/GPR48 Antibody (6G8.B3.G5.C3) NBP3-50141

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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Updated 2/5/2026 v.20.1

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**NBP3-50141**

Lgr4/GPR48 Antibody (6G8.B3.G5.C3)

| <b>Product Information</b>         |  |
|------------------------------------|--|
| <b>Unit Size</b>                   | 100 ul   |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.  |
| <b>Storage</b>                     | Store at -20C. Avoid freeze-thaw cycles.   |
| <b>Clonality</b>                   | Monoclonal   |
| <b>Clone</b>                       | 6G8.B3.G5.C3   |
| <b>Preservative</b>                | 0.01% Sodium Azide   |
| <b>Isotype</b>                     | IgG2b  |
| <b>Purity</b>                      | Protein A purified   |
| <b>Buffer</b>                      | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2   |
| <b>Product Description</b>         |  |
| <b>Host</b>                        | Mouse  |
| <b>Gene ID</b>                     | 55366  |
| <b>Gene Symbol</b>                 | LGR4   |
| <b>Species</b>                     | Human  |
| <b>Reactivity Notes</b>            | BLAST analysis was used to suggest cross-reactivity with LGR4 from chimpanzee, orangutan and macaque based on 100% homology with the immunizing sequence. Cross-reactivity with LGR4 from other sources has not been determined.   |
| <b>Immunogen</b>                   | A synthetic peptide corresponding to an internal region of human Lgr4/GPR48 protein. The hybridoma was produced by fusing BALB/c mouse splenocytes and mouse myeloma SP2/O cells using conventional technology.  |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | Western Blot, ELISA  |
| <b>Recommended Dilutions</b>       | Western Blot, ELISA  |
| <b>Application Notes</b>           | <p>This antibody has been tested by ELISA and western blot, and is suitable in immunohistochemistry. Expect a band approximately 102 kDa in size corresponding to Lgr4/GPR48 protein by western blotting in the appropriate cell lysate or extract. Specific conditions for reactivity should be optimized by the end user. Use formalin-fixed paraffin-embedded sections for immunohistochemistry. No pre-treatment of sample is required.</p> <p>Suggested applications: IHC</p> |



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### **Products Related to NBP3-50141**

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|                |  |
|----------------|--|
| HAF007         | Goat anti-Mouse IgG Secondary Antibody [HRP]       |
| NB7539         | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP2-27231     | Mouse IgG2b Isotype Control (MPC-11)               |
| 7150-RS-025/CF | R-Spondin 1 [Unconjugated]                         |

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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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