

# Product Datasheet

## mGluR5 Antibody [DyLight 350] AF4514D

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 5/10/2025 v.20.1

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**AF4514D**

mGluR5 Antibody [DyLight 350]

| Product Information         |                                                                                                                                                                                                                                                          |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                                                                                                   |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                              |
| Storage                     | Store at 4C in the dark.                                                                                                                                                                                                                                 |
| Clonality                   | Polyclonal                                                                                                                                                                                                                                               |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                       |
| Isotype                     | IgG                                                                                                                                                                                                                                                      |
| Conjugate                   | DyLight 350                                                                                                                                                                                                                                              |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                       |
| Product Description         |                                                                                                                                                                                                                                                          |
| Host                        | Sheep                                                                                                                                                                                                                                                    |
| Gene ID                     | 2915                                                                                                                                                                                                                                                     |
| Gene Symbol                 | GRM5                                                                                                                                                                                                                                                     |
| Species                     | Human                                                                                                                                                                                                                                                    |
| Specificity/Sensitivity     | Detects human mGluR5 in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 20% cross-reactivity with recombinant human (rh) mGluR1 is observed and less than 5% cross-reactivity with rhmGluR2 and rhmGluR3 is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant human mGluR5 Ser19-Ser509<br>Accession # P41594                                                                                                                                                          |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                        |
| Product Application Details |                                                                                                                                                                                                                                                          |
| Applications                | Western Blot, Immunohistochemistry                                                                                                                                                                                                                       |
| Recommended Dilutions       | Western Blot, Immunohistochemistry                                                                                                                                                                                                                       |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                   |





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### **Products Related to AF4514D**

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|             |                                 |
|-------------|---------------------------------|
| 9529-UR-100 | mGluR5 [Unconjugated]           |
| NBP2-22203  | ERK1 Antibody (1E5)             |
| AF467       | EphB2 Antibody [Unconjugated]   |
| NBP2-50037  | c-Fos Antibody (2H2) - BSA Free |

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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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