

# Product Datasheet

## GFAP Antibody (GA-5) [DyLight 488] NBP2-33184G

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-33184G**

GFAP Antibody (GA-5) [DyLight 488]

| 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                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Clone                       | GA-5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Isotype                     | IgG1 Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Conjugate                   | DyLight 488                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Purity                      | Protein G purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Target Molecular Weight     | 50 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Description                 | This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.                                                                                                                                                                                                                                                                                                                                                                |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Gene ID                     | 2670                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene Symbol                 | GFAP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Species                     | Human, Mouse, Rat, Porcine, Bovine, Chicken, Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Marker                      | Astrocyte & Neural Stem Cell Marker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Specificity/Sensitivity     | This monoclonal antibody recognizes a protein of ~50kDa which is identified as Glial Fibrillary Acidic Protein (GFAP). It shows no cross-reaction with other intermediate filament proteins. GFAP is specifically found in astroglia. GFAP is a very popular marker for localizing benign astrocyte and neoplastic cells of glial origin in the central nervous system. Antibody to GFAP is useful in differentiating primary gliomas from metastatic lesions in the brain and for documenting astrocytic differentiation in tumors outside the CNS. |
| Immunogen                   | GFAP isolated from pig spinal cord (Uniprot: P14136)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Applications                | Western Blot, Simple Western, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                                                                                                                                              |
| Recommended Dilutions       | Western Blot, Simple Western, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen                                                                                                                                                                                                                                                                                                                                                                              |





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### **Products Related to NBP2-33184G**

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|                    |                                                             |
|--------------------|-------------------------------------------------------------|
| NBP1-43319G-0.5ml  | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 488] |
| H00002670-Q01-10ug | Recombinant Human GFAP GST (N-Term) Protein                 |
| 210-TA-005         | TNF-alpha [Unconjugated]                                    |
| DY2594-05          | GFAP [Biotin]                                               |

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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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