

# Product Datasheet

## GFAP Antibody (ASTRO/1974R) [DyLight 755] NBP3-08431IR

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08431IR**

GFAP Antibody (ASTRO/1974R) [DyLight 755]

| <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 4C in the dark.   |
| <b>Clonality</b>                   | Monoclonal   |
| <b>Clone</b>                       | ASTRO/1974R  |
| <b>Preservative</b>                | 0.05% Sodium Azide   |
| <b>Isotype</b>                     | IgG  |
| <b>Conjugate</b>                   | DyLight 755  |
| <b>Purity</b>                      | Protein A or G purified  |
| <b>Buffer</b>                      | 50mM Sodium Borate   |
| <b>Target Molecular Weight</b>     | 50 kDa   |
| <b>Product Description</b>         |  |
| <b>Host</b>                        | Rabbit   |
| <b>Gene ID</b>                     | 2670   |
| <b>Gene Symbol</b>                 | GFAP   |
| <b>Species</b>                     | Human, Mouse, Rat, Porcine, Bovine, Canine, Chicken, Rabbit  |
| <b>Marker</b>                      | Astrocyte & Neural Stem Cell Marker  |
| <b>Specificity/Sensitivity</b>     | 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. |
| <b>Immunogen</b>                   | Recombinant human full-length GFAP protein (Uniprot: P14136)   |
| <b>Notes</b>                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.  |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin  |
| <b>Recommended Dilutions</b>       | Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin  |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.   |





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### **Products Related to NBP3-08431IR**

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|                   |   |
|-------------------|---|
| NBP2-24891IR      | Rabbit IgG Isotype Control [DyLight 755]    |
| H00002670-P01-2ug | 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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