

# Product Datasheet

## Glypican 3 Antibody (GPC3/863) [mFluor Violet 500 SE] NBP2-47762MFV500

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-47762MFV500**

Glypican 3 Antibody (GPC3/863) [mFluor Violet 500 SE]

| 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               | GPC3/863  |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG1 Kappa  |
| Conjugate           | mFluor Violet 500 SE  |
| Purity              | Protein A or G purified   |
| Buffer              | 50mM Sodium Borate  |

| Product Description     |  |
|-------------------------|--|
| Host                    | Mouse  |
| Gene ID                 | 2719   |
| Gene Symbol             | GPC3   |
| Species                 | Human, Rat   |
| Marker                  | Hepatocellular Carcinoma Marker  |
| Specificity/Sensitivity | Glypican-3 (GPC3) is a glycosylphosphatidyl inositol-anchored membrane protein, which may also be found in a secreted form. Anti-GPC3 has been identified as a useful tumor marker for the diagnosis of hepatocellular carcinoma (HCC), hepatoblastoma, melanoma, testicular germ cell tumors, and Wilms tumor and hepatoblastoma, with a low or undetectable expression in normal adjacent tissue. In patients with thyroid cancer, expression of GPC3 is dramatically enhanced in certain types of cancers: 100% in follicular carcinoma and 70% in papillary carcinoma. Expression of GPC3 in follicular carcinoma is significantly higher than that of follicular adenoma. In contrast, GPC3 is not expressed in anaplastic carcinoma. |
| Immunogen               | Recombinant full-length human Glypican 3 protein (Uniprot: P51654)   |
| Notes                   | mFluor(TM) is a trademark of AAT Bioquest, Inc. 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.  |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence |
| Recommended Dilutions       | Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.   |



## Images

Glypican 3 Antibody (GPC3/863) [mFluor Violet 500 SE] - Vial of mFluor Violet 500 conjugated antibody. mFluor Violet 500 is optimally excited at 410 nm by the Violet laser (405 nm) and has an emission maximum of 501 nm.





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### **Products Related to NBP2-47762MFV500**

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|                |  |
|----------------|--|
| NBP1-85226PEP  | Glypican 3 Recombinant Protein Antigen                 |
| 233-FB-025     | FGF basic/FGF2/bFGF [Unconjugated]                     |
| 2119-GP-050/CF | Glypican 3 [Unconjugated]                              |
| MAB1368        | alpha-Fetoprotein/AFP Antibody (189502) [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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