

Product Datasheet

Glypican 3 Antibody (GPC3/863) [Janelia Fluor® 549] NBP2-47762JF549

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-47762JF549

Glypican 3 Antibody (GPC3/863) [Janelia Fluor® 549]

| 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 | Janelia Fluor 549 |
| 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 | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus |
| 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. |





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Products Related to NBP2-47762JF549

| | |
|----------------|--|
| 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] |

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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