

Product Datasheet

Glypican 3 Antibody (GPC3/1534R) NBP2-53142-100ug

Unit Size: 100 ug

Store at 4C.

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NBP2-53142-100ug

Glypican 3 Antibody (GPC3/1534R)

| Product Information | |
|-------------------------|--------------------------|
| Unit Size | 100 ug |
| Concentration | 0.2 mg/ml |
| Storage | Store at 4C. |
| Clonality | Monoclonal |
| Clone | GPC3/1534R |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG |
| Purity | Protein A purified |
| Buffer | 10 mM PBS with 0.05% BSA |
| Target Molecular Weight | 67 kDa |

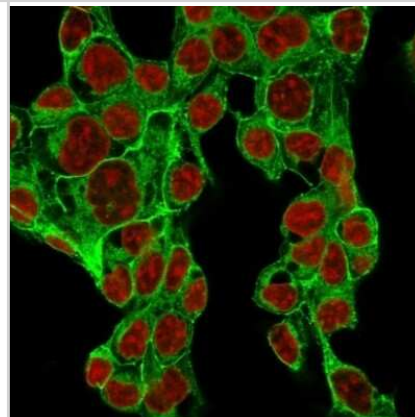
| Product Description | |
|-------------------------|--|
| Description | 200ug/ml of antibody purified by Protein A. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-54468) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. |
| Host | Rabbit |
| 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 human full-length Glypican 3 protein (Uniprot: P51654) |

| Product Application Details | |
|-----------------------------|--|
| Applications | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Flow Cytometry 1-2 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml |
| Application Notes | Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA buffer, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined. |

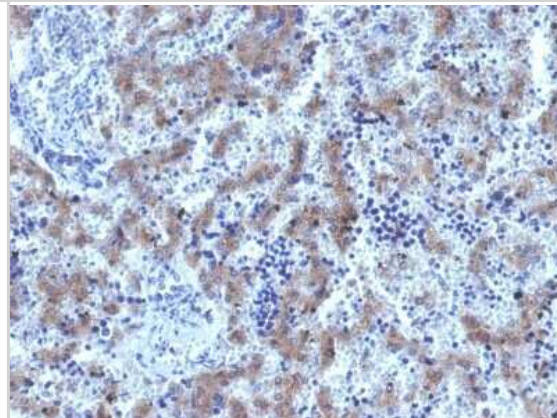


Images

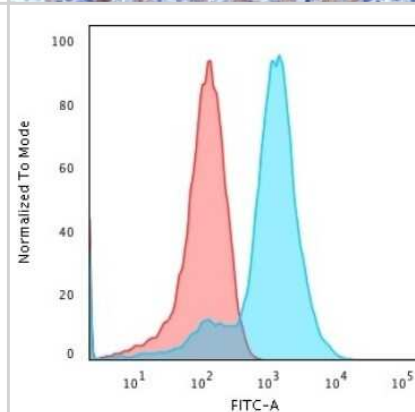
Immunocytochemistry/Immunofluorescence: Glypican 3 Antibody (GPC3/1534R) [NBP2-53142] - Immunofluorescence Analysis of MeOH-fixed HepG2 cells labeling Glypican-3 with followed by Goat anti-rabbit IgG-CF488 (Green). The nuclear counterstain is Red Dot (Red)



Immunohistochemistry-Paraffin: Glypican 3 Antibody (GPC3/1534R) [NBP2-53142] - Formalin-fixed, paraffin-embedded human Fetal Liver stained with Glypican-3 Recombinant Rabbit Monoclonal Antibody (GPC3/1534R)



Flow Cytometry: Glypican 3 Antibody (GPC3/1534R) [NBP2-53142] - Flow Cytometric Analysis of MeOH-fixed HepG2 cells using Glypican 3 Antibody (GPC3/1534R). followed by Goat anti-rabbit- IgG-CF488 (Blue); Isotype Control (Red).





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Products Related to NBP2-53142-100ug

| | |
|---------------|---|
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |
| NBP1-85226PEP | Glypican 3 Recombinant Protein Antigen |

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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