

# Product Datasheet

## Human Liver Tissue MicroArray (Cancer) NBP2-30271

Unit Size: 1 Slide

Store at 4C. Do not freeze.

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**NBP2-30271**

## Human Liver Tissue MicroArray (Cancer)

| <b>Product Information</b>         |  |
|------------------------------------|--|
| <b>Unit Size</b>                   | 1 Slide  |
| <b>Concentration</b>               | Concentration is not relevant for this product. Please see the protocols for proper use of this product.                   |
| <b>Storage</b>                     | Store at 4C. Do not freeze.  |
| <b>Product Description</b>         |  |
| <b>Description</b>                 | Please see online datasheet for well details: <a href="http://www.novusbio.com/NBP2-30271">www.novusbio.com/NBP2-30271</a> |
| <b>Species</b>                     | Human  |
| <b>Lysate Type</b>                 | Tissue   |
| <b>Lysate Tissue Condition</b>     | Cancer   |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | Immunohistochemistry, Immunohistochemistry-Paraffin  |
| <b>Recommended Dilutions</b>       | Immunohistochemistry, Immunohistochemistry-Paraffin  |

Complete product information can be found online at [www.novusbio.com/NBP2-30271](http://www.novusbio.com/NBP2-30271).  
Please contact technical service with any questions regarding the use of this product.



## Publications

Rajasekaran D, Jariwala N, Mendoza RG et al. Staphylococcal nuclease and tudor domain containing 1 (SND1) promotes hepatocarcinogenesis by inhibiting monoglyceride lipase (MGLL). *J. Biol. Chem.* 2016-03-20 [PMID: 26997225] (IHC-P)

Tavallai M, Hamed HA, Roberts JL et al. Nexavar/Stivarga and Viagra Interact to Kill Tumor Cells *J. Cell. Physiol.* 2015-02-20 [PMID: 25704960] (IHC-P)

### Details:

Human Liver Tissue Microarray (Cancer) (Imgenex IMH-318) was used in IHC-P immunostaining application for the analysis of PDE5 / PDE5A and PDGFR using a mixture of PDGF R alpha and PDGF R beta antibodies. The immunoassay implicated an antigen retrieval steps and the the data is shown in Figure 2.

Yoo BK, Santhekadur PK, Gredler R et al. Increased RNA-induced silencing complex (RISC) activity contributes to hepatocellular carcinoma. *Hepatology.* 2011-05-01 [PMID: 21520169] (IHC-P)

### Details:

Liver cancer-metastasis normal (IMH-360) and matching liver cancer (IMH-318). IHC (paraffin): Tissues were stained with SND1 antibody, Fig 6C.

Yoo BK, Emdad L, Gredler R et al. Transcription factor Late SV40 Factor (LSF) functions as an oncogene in hepatocellular carcinoma. *Proc Natl Acad Sci U S A.* 2010-05-04 [PMID: 20404171] (IHC-P)

### Details:

IMH-360: (liver cancer-metastasis-normal tissue microarray): IHC (paraffin), the tissue microarray was probed with LSF (Late SV40 Factor), Fig 1B.

Yoo BK, Emdad L, Su ZZ et al. Astrocyte elevated gene-1 regulates hepatocellular carcinoma development and progression. *J Clin Invest.* 2009-03-01 [PMID: 19221438] (IHC-P)

### Details:

Liver cancer tissue microarray (IMH-318), Liver cancer metastasis/normal tissue micro array (IMH-360). IHC (paraffin): Comparison of expression of AEG1, LEF1, TFCEP2, DPYD, IGFBP7 proteins in normal liver and matched liver cancer tissue microarrays (IMH-318 & IMH-360), Fig 5.

Chaerkady R, Harsha HC, Nalli A et al. A Quantitative Proteomic Approach for Identification of Potential Biomarkers in Hepatocellular Carcinoma. *J Proteome Res* 2008-10-01 [PMID: 18715028] (IHC-P)

Chaerkady R, Thuluvath PJ, Kim MS et al. O Labeling for a Quantitative Proteomic Analysis of Glycoproteins in Hepatocellular Carcinoma. *Clin Proteomics.* 2008-07-18 [PMID: 20357908]

### Details:

Liver cancer (IMH-318) and matching liver non-neoplastic tissue (IMH-342). IHC (paraffin): Labeled with CSRP1, fetuin, and alpha-2HS glycoprotein, Figs 7 & 8.



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### **Products Related to NBP2-30271**

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|             |  |
|-------------|--|
| NB820-59232 | Human Liver Whole Tissue Lysate (Adult Whole Normal) |
|-------------|--|

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#### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Tissue Micro Arrays are guaranteed for 1 year from date of receipt.

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