Product Datasheet

Human Liver Tissue MicroArray (Cancer metastasis)
NBP2-30221

Unit Size: 1 Slide

Store at 4C. Do not freeze.

Publications: 12

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# NBP2-30221
Human Liver Tissue MicroArray (Cancer metastasis)

## Product Information

<table>
<thead>
<tr>
<th><strong>Unit Size</strong></th>
<th>1 Slide</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Concentration</strong></td>
<td>Concentration is not relevant for this product. Please see the protocols for proper use of this product.</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td>Store at 4C. Do not freeze.</td>
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## Product Description

<table>
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<tr>
<th><strong>Description</strong></th>
<th>Please see online datasheet for well details: <a href="http://www.novusbio.com/NBP2-30221">www.novusbio.com/NBP2-30221</a></th>
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<tbody>
<tr>
<td><strong>Species</strong></td>
<td>Human</td>
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<tr>
<td><strong>Reactivity Notes</strong></td>
<td>Human</td>
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<tr>
<td><strong>Lysate Type</strong></td>
<td>Tissue</td>
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<tr>
<td><strong>Lysate Tissue Condition</strong></td>
<td>Cancer metastasis</td>
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## Product Application Details

<table>
<thead>
<tr>
<th><strong>Applications</strong></th>
<th>Immunohistochemistry-Paraffin, Microarray</th>
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<tbody>
<tr>
<td><strong>Recommended Dilutions</strong></td>
<td>Immunohistochemistry-Paraffin, Microarray</td>
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<tr>
<td><strong>Application Notes</strong></td>
<td>Use in microarray reported in scientific literature (PMID: 28878246).</td>
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</table>

Complete product information can be found online at [www.novusbio.com/NBP2-30221](http://www.novusbio.com/NBP2-30221). Please contact technical service with any questions regarding the use of this product.

## Publications


Details:
Human Liver Tissue Microarray /Cancer metastasis (Imgenex: IMH-360) containing 40 primary human hepatocellular carcinoma / HCC, 10 metastatic HCC and 9 normal adjacent liver samples was used for IHC-P analysis of I 5’-deiodinase/DIO1 and oncogene Astrocyte elevated gene-1 /AEG-1 proteins using avidin-biotin-peroxidase -DAB staining method.

Details:
Human Liver Tissue Microarray (Cancer metastasis, Imgenex IMH-360) containing sections of human HCC and normal liver tissues were used for IHC-P staining for HuR/ELAVL1 or HUR1 protein using VECTASTAIN Elite ABC Kit - DAB based detection. Human HCC tumor tissue sections depicted significantly higher overall and cytoplasmic HuR1 immunostaining compared to normal liver tissue sections (Figure 6).


Details:
Human Liver Tissue Microarray (Cancer metastasis) (Imgenex IMH-360) 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.

Santhekadur PK, Akiel M, Emdad L, Gredler R. Staphylococcal nuclease domain containing-1 (SND1) promotes migration and invasion via angiotensin II type 1 receptor (AT1R) and TGFb signaling. FEBS Open Bio 2014 (IHC-P, Human)

Details:
TMAs were used to detect SND1 or AT1R expression (Fig 3D).


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


Details:
Liver cancer-metastasis normal (IMH-360) and matching liver cancer (IMH-318). IHC (paraffin): Tissues were stained with SND1 antibody, Fig 6C.
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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<table>
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<tr>
<th>Product Code</th>
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<td>NB820-59232</td>
<td>Human Liver Whole Tissue Lysate (Adult Whole Normal)</td>
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