Product Datasheet

INSTA-Blot Breast Tissue OncoPair
NBP2-29911

Unit Size: 1 Membrane

Store at room temperature.

Publications: 9

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Updated 2/5/2017 v.20.1

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### NBP2-29911

**INSTA-Blot Breast Tissue OncoPair**

#### Product Information

<table>
<thead>
<tr>
<th><strong>Unit Size</strong></th>
<th>1 Membrane</th>
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<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 room temperature.</td>
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#### Product Description

| **Description** | Please see online datasheet for lane details: [www.novusbio.com/NBP2-29911](http://www.novusbio.com/NBP2-29911) |
| **Species** | Human |
| **Reactivity Notes** | Human reactivity reported in scientific literature (PMID: 23289900) |
| **Preparation Method** | Tissue specimens were homogenized in modified RIPA buffer to obtain the soluble proteins and centrifuged to clarify. The concentration of protein in each lysate was determined by a standard protein assay and standardized to 1 mg/ml. Sample buffer was added to the soluble fraction and approximately 14 ug/lane of protein was run and then transferred to PVDF membrane. Soluble fraction extraction buffer (extract 1): PBS at pH 7.4, 1 ug/ml Aprotinin, 1 mM NaF -Modified RIPA buffer: 1 mM EDTA, 1 ug/ml Pepstatin-A, 0.1% SDS , 0.25% Na deoxycholate, 1 ug/ml Leupeptin, 1 mM PMSF, 1 mM Na3VO4 5X Sample buffer: 50 ml glycerol, 15 g SDS, 3.819 g Tris, pH 6.8, 25 ml 2-ME, 100 mg bromophenol blue, final volume of 100 ml with DI H2O. |
| **Notes** | The molecular weights for the marker used with this product are: 180, 116, 97, 66, 44, 29, 18, 14, 6. |

#### Product Application Details

| **Applications** | Western Blot |
| **Recommended Dilutions** | Western Blot |
| **Application Notes** | Use in Western blot reported in scientific literature (PMID 25488819) |
Western Blot: INSTA-Blot Breast Tissue OncoPair [NBP2-29911] - Representative amido-black stained blot. Samples on the blot are laid out in pairs of tumor and normal tissue lysate from the same patient. There are seven pairs of samples, representing seven different patients, on each OncoPair blot. Note: The blot image is representative only. The actual image on your blot may vary. Tissue samples are very heterogeneous and composed of complex mixtures of proteins. Hence the protein banding patterns of individual donors as well as normal/tumor adjacent lanes of a given donor will vary. For example, some lanes may appear lighter or darker than others, with more or less banding. However, in each case, an equal amount of protein was loaded per lane.

INSTA-Blot Breast Tissue OncoPair [NBP2-29911] - Tumor tissue is taken from healthy tumor tissue while normal tissue is taken from an area adjacent to the tumor tissue.
Publications


Details:
INSTA-Blot Breast Tissue OncoPair


Details:
INSTA-Blot(TM) Breast Tissue OncoPair (IMB-130a). Membrane was probed with HSF1 antibody, Fig 1C.


Details:
INSTA-Blot(TM) Breast Tissue OncoPair (IMB-130e). Membrane was probed with Ubc9 antibody, Fig 7A.


Details:
INSTA-Blot(TM) Human Tissue: ready-to-use WB (IMB-103).


Details:
1. INSTA-Blot(TM) Breast Tissue OncoPair (IMB-130e). Blot was probed with a GASP-1 antibody, Fig 2. 2. Breast cancer Tissue Microarray (IMH-364, aka CBA4). Tissue microarray was probed with a GASP-1 antibody, Figs 3,4.


Details:
INSTA-Blot(TM) Human Tissue: ready-to-use WB (IMB-103).

Procedures

MSDS for Non Hazardous Product (NBP2-29911)
Material Safety Data Sheet for Non Hazardous Products

Hazard Information
Chemical Name: Non hazardous products.
Chemical Formula: N/A
CAS Number: N/A
EEC-No: N/A

Hazard Identification
None

First Aid Measures
Eye Contact: None
Skin Contact: None
Inhalation: None
Ingestion: None

Accidental Release Measures
This product either does not contain hazardous constituents or the concentration of all chemical constituents are below the regulatory threshold limits described by Occupational Safety Health Administration Hazard Communication Standard 29 CFR 1910.1200 and the European Directive 91/155/EEC. 88/379/EEC, and 67/546/EEC.

Handling and Storage
Exposure Controls / Personal Protection
Other Precautions: None

Physical and Chemical Properties
Form: N/A
Color: N/A
Odor: N/A
Melting Point: N/A
Boiling Temperature: N/A
Density: N/A
Vapor Pressure: N/A
Solubility in Water: N/A
Flash Point: N/A
Explosion limits: N/A
Ignition Temperature: N/A
Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Western Blot Membranes are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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