

Product Datasheet

INSTA-Blot Breast Tissue OncoPair NBP2-29911

Unit Size: 1 Membrane

Store at room temperature.

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NBP2-29911**INSTA-Blot Breast Tissue OncoPair**

Product Information	
Unit Size	1 Membrane
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at room temperature.
Product Description	
Description	Please see online datasheet for lane details: 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)



Publications

Ogi H, Sakuraba Y, Kitagawa R et al. The oncogenic role of the cochaperone Sgt1. *Oncogenesis*. 2015-05-19 [PMID: 25985210] (WB)

Freitas Vanessa M, do Amaral Jonatas Bussador, Silva Thaiomara A et al. Decreased expression of ADAMTS-1 in human breast tumors stimulates migration and invasion. *Mol Cancer*. 2013-01-01 [PMID: 23289900] (WB, Human)

Addison JB, Koontz C, Fugett JH et al. KAP1 Promotes Proliferation and Metastatic Progression of Breast Cancer Cells. *Cancer Res*. 2014-11-24 [PMID: 25488819] (WB)

Details:

INSTA-Blot Breast Tissue OncoPair

Santagata S, Hu R, Lin NU et al. High levels of nuclear heat-shock factor 1 (HSF1) are associated with poor prognosis in breast cancer. *Proc Natl Acad Sci U S A*. 2011-11-08 [PMID: 22042860]

Details:

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

Qin Y, Xu J, Aysola K et al. Ubc9 mediates nuclear localization and growth suppression of BRCA1 and BRCA1a proteins. *J Cell Physiol*. 2011-12-01 [PMID: 21344391]

Details:

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

Kinouchi R, Kinouchi T, Hamamoto T et al. Distribution of CESP-1 protein in the corneal endothelium and other tissues. *Invest Ophthalmol Vis Sci*. 2006-04-01 [PMID: 16565373] (WB, Human)

Details:

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

Tuszynski GP, Rothman VL, Zheng X et al. G-protein coupled receptor-associated sorting protein 1 (GASP-1), a potential biomarker in breast cancer. *Exp Mol Pathol*. 2011-10-01 [PMID: 21791203]

Details:

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.

Michel V, Yuan Z, Ramsbir S et al. Choline transport for phospholipid synthesis. *Exp Biol Med (Maywood)*. 2006-05-01 [PMID: 16636297] (WB, Human)

Details:

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

Saha T. LAMP2A overexpression in breast tumors promotes cancer cell survival via chaperone-mediated autophagy. *Autophagy*. 2012-11-01 [PMID: 22874552]

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





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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.

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