Product Datasheet

Human Breast Tissue MicroArray (Cancer)
NBP2-30212

Unit Size: 1 Slide

Store at 4C. Do not freeze.

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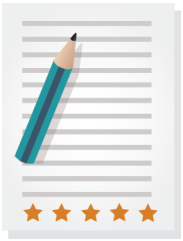
Publications: 14

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-30212

Updated 10/23/2024 v.20.1



NBP2-30212

Human Breast Tissue MicroArray (Cancer)

Product Information	
Unit Size	1 Slide
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at 4C. Do not freeze.

Product Description	
Description	Please see online datasheet for well details: www.novusbio.com/NBP2-30212
Species	Human
Lysate Type	Tissue
Lysate Tissue Condition	Cancer

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	Use in Immunohistochemistry reported in scientific literature (PMID 27374178).

Complete product information can be found online at www.novusbio.com/NBP2-30212.
Please contact technical service with any questions regarding the use of this product.

Publications

R Wang, AB Bhatt, BA Minden-Bir, OK Travis, S Tiwari, H Jia, W Rosikiewic, O Martinot, E Childs, R Loesch, G Tossou, S Jamieson, D Finkelstei, B Xu, M Labelle ZBTB18 restricts chromatin accessibility and prevents transcriptional adaptations that drive metastasis Science Advances, 2023-01-06;9(1):eabq3951. 2023-01-06 [PMID: 36608120]

Shen JZ, Qiu Z, Wu Q et al. FBXO44 promotes DNA replication-coupled repetitive element silencing in cancer cells Cell 2020-12-18 [PMID: 33357448]

Chaudhary N, Choudhary B, Patra S et al. GPX4-VIM equates a proliferating DTP state in TNBC subtypes with converged vulnerabilities to autophagy and glutathione inhibition bioRxiv 2023-05-22

Yee Y, Fei Chong S, Kong L et al. Sustained IKKbeta Phosphorylation and NF-kappaB Activation by Superoxide-induced Peroxynitrite-mediated Nitrotyrosine Modification of B56gamma3 and PP2A Inactivation Redox Biol 2021-04-10 [PMID: 33838472]

Miles LA, Krajewski S, Baik N et al. Plg-RKT Expression in Human Breast Cancer Tissues Biomolecules 2022-03-26 [PMID: 35454092] (IF/IHC)

Silva SV, Lima MA, Cella N et al. ADAMTS-1 Is Found in the Nuclei of Normal and Tumoral Breast Cells. PLoS ONE 2016-11-02 [PMID: 27764205] (IF/IHC, Human)

Xie X, Tang Sc, Cai Y et al. Suppression of breast cancer metastasis through the inactivation of ADP-ribosylation factor 1. Oncotarget 2016-08-10 [PMID: 27517156] (IF/IHC)

Silva TA, Smuczek B, Valadao IC et al. AHNAK enables mammary carcinoma cells to produce extracellular vesicles that increase neighboring fibroblast cell motility Oncotarget 2016-06-27 [PMID: 27374178] (IF/IHC, Human)

Schmitt DC, Madeira da Silva L, Zhang W et al. ErbB2-intronic microRNA-4728: a novel tumor suppressor and antagonist of oncogenic MAPK signaling. Cell Death Dis. 2015-05-08 [PMID: 25950472] (IHC-P, ISH)

Zhou Y, Han C, Li D et al. Cyclin-dependent kinase 11(p110) (CDK11(p110)) is crucial for human breast cancer cell proliferation and growth. Sci Rep. 2015-05-20 [PMID: 25990212] (IHC-P)

Details:
Human Breast Tissue Microarray (Cancer)/ human tissue microarray containing 40 breast cancer tumor tissues and 9 paired normal breast tissues was used for IHC-P staining of CDK11(p110). See the full text for detailed IHC-P protocol and the data is shown in Figure 2.

Sen S, Kawahara B, Gupta D et al. Role of Cystathionine beta- synthase in Human breast Cancer. Free Radic Biol Med 2015-06-04 [PMID: 26051168] (Human)

Liu B, Tahk S, Yee KM et al. PIAS1 Regulates Breast Tumorigenesis through Selective Epigenetic Gene Silencing. PLoS ONE. 2014-03-03 [PMID: 24586797] (IHC-P, Human)

Details:
The Breast Tissue TMA (NBP2-30212) was used to detect PIAS1 expression in normal ducts, ductal carcinoma in situ, and invasive ductal carcinoma tissues , Figs 1A. PIAS1 is a nuclear protein that diffuses to the cytoplasm under formalin fixation conditions

More publications at http://www.novusbio.com/NBP2-30212

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Products Related to NBP2-30212

NB820-59203	Human Breast Whole Tissue Lysate (Adult Whole Normal)

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.

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

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